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**SECTION 4 of 5**

**Document Information**

<b>Document #</b>	<b>FOIA2011-01376</b>	<b>Revision</b>	
<b>Title</b>	<b>FREEDOM OF INFORMATION ACT REQUEST (FOI 2011-01376) [SEC. 4 OF 5]</b>		
<b>Date</b>	<b>07/26/2011</b>		
<b>Originator</b>	<b>RIEHLE DC</b>	<b>Originator Co.</b>	<b>DOE-RL</b>
<b>Recipient</b>	<b>O'BRIEN L</b>	<b>Recipient Co.</b>	<b>HOA</b>
<b>References</b>	<b>4, WRP1-SV-1706, 0031161, WRP1-SV-1603, 2404-WB, 2404-WC, 5, SW-040-043, W-040-043, 6, EM-RL— PHMC-SOLIDWASTE-2008-0007, EM-RL—PHMC- SOLIDWASTE-2010-0003, WRAP-RP-11-03</b>		
<b>Keywords</b>	<b>OCE, FOIA, SENSITIVE</b>		
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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: Click here to enter a date. [- 3 - ]	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.g]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	n/a	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 m); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

Facility Inspection

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Appendix D - Daily 2404-WBWC Area Inspection  
(3 pages total)

Location	Surveillance Date: Click here to enter a date. 1-3-11	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	n/a	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
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Location	Surveillance Date: Click here to enter a date.	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	1-3-11	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 13, 1/2, 24		
Performed By: (sign)	<i>Lucas Burns</i>	Print: Lucas Burns		Date/Time: 1-3-11 11:00	
Reviewed By: (sign)	<i>M Ad</i>	Print: LN Sutton		Date/Time: 1/3/11 1540	
Comments:	① Intercom in 444 is not working. Notified Maint LN Sutton M Ad				

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date. 1-3-11	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Isle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By: (sign) <i>[Signature]</i>	Print: Robert Cox	Date/Time: 1/3/11 1301
Reviewed By: (sign) <i>[Signature]</i>	Print: DAVID W. MESSINGER	Date/Time: 1-4-11 0013
Comments:		

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
1-3-11	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)	Lucas Bunas	Date/Time: 1-3-11	1545
(Day Shift) Reviewed By: (sign)	LN Sutton	Date/Time: 1/3/11	1550
(Swing Shift) Performed By: (sign)	Robert Cox	Date/Time: 1/4/11	2407
(Swing Shift) Reviewed By: (sign)	DAVID W MESSINGER	Date/Time: 1-7-11	0015

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
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Surveillance Date: 7/1/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 7/1/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
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Surveillance Date: 7/1/2011		Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]			Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]			FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door			No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]			Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.			Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)	[Signature]		Print: Frank J. Monaco	11   7/1   21		Date/Time: 7-1-11 1121
Reviewed By: (sign)	[Signature]		Print: SFB Conner			Date/Time: 7/1/11 1526
Comments:						

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**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date: 7/1/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
	Performed By: (sign) <i>[Signature]</i>	Date/Time: 7-1-11 1110
	Reviewed By: (sign) <i>[Signature]</i>	Date/Time: 7/1/11 1524
	Comments:	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 7/5/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	NA	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	NA	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)



Surveillance Date: 7/5/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
	2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	NA	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	NA	
	MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
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Surveillance Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)		Print: SAU Law	Date/Time: 7/5/11 0938	
Reviewed By: (sign)		Print: LN Sutton	Date/Time: 7/5/11 1600	
Comments:	11-13-22			

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 7/5/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	X
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	X
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	X
	Transient combustibles are removed. [TSR AC 5.7.1.c]	X
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	X
	Ensure portable heater units in 2404-WB are turned OFF.	X
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	X
	For MO-610 and MO-654: Personnel access doors are closed and locked.	X
	Ensure all floodlights are turned OFF.	X
	Gates are closed and locked.	X
	For 2406W: Roll down door is closed and locked.	X
Performed By: (sign)	<i>Robert Cox</i>	Date/Time: 7/5/11 2235
Reviewed By: (sign)	<i>David W. Messinger</i>	Date/Time: 7-6-11/0039
Comments:		

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/1/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/1/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
	2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	





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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/1/2011		Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. #12 High		
Performed By: (sign)		Print: Frank Fernandez			Date/Time: 6/1/11 1500
Reviewed By: (sign)		Print: LN Sutton			Date/Time: 6/1/11 1610
Comments:					

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: <u>6/1/2011</u>	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	X
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	X
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	X
	Transient combustibles are removed. [TSR AC 5.7.1.c]	X
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	X
	Ensure portable heater units in 2404-WB are turned OFF.	X
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	X
	For MO-610 and MO-654: Personnel access doors are closed and locked.	X
	Ensure all floodlights are turned OFF.	X
	Gates are closed and locked.	X
	For 2406W: Roll down door is closed and locked.	X
Performed By: (sign)	<i>Chester Butcher</i>	Date/Time: 6-1-11 2400
Reviewed By: (sign)	<i>Steven B Carter</i>	Date/Time: 6/1/11 0030
Comments:	1. Clock in 2404-WC needs a battery.	

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/2/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)



Surveillance Date: 6/2/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WBWC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. #11, 1/2, 24		
Performed By: (sign) 		Print: Frank Fernandez	Date/Time: 06/22/11 1443	
Reviewed By: (sign) 		Print: LN Sutton	Date/Time: 6/22/11 1605	
Comments:				

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date:	Activity	Completed
6/2/2011	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	<i>Chester B. Butler</i> Print: Chester Butler	Date/Time: 6-2-11 2315
Reviewed By: (sign)	<i>Steven B. Conner</i> Print: Steven B Conner	Date/Time: 6/3/11 0040
Comments:		

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/3/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)



Surveillance Date: 6/3/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)



Surveillance Date: 6/3/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. #11 1/2 124		
Performed By: (sign)		Print: Frank Fernandez	Date/Time: 06/03/10 1410	
Reviewed By: (sign)		Print: SP2 man	Date/Time: 06/03/11 1553	
Comments:				

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 6/3/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	 Print: Frank Fernandez	Date/Time: 06/03/11 1442
Reviewed By: (sign)	 Print: SB Carter	Date/Time: 06/03/11 1554
Comments:		

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/6/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
	2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/6/2011				
Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1].	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

**WRP1-SV-1603**  
**Facility Inspection**

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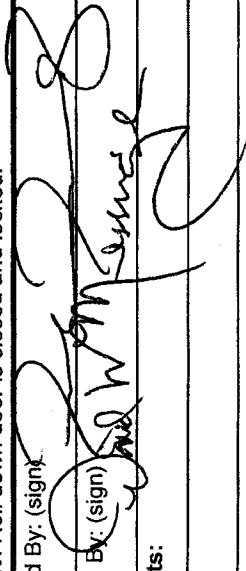
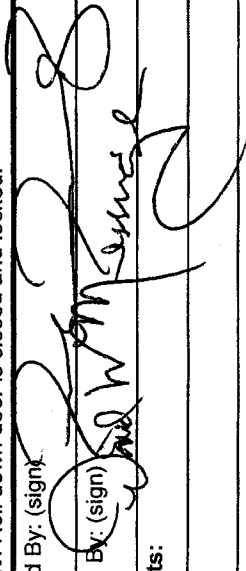
**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/6/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <i>11.25 @ 21.5</i>		
Performed By: (sign)	<i>[Signature]</i>	Print: Kelly O. Schmidt			Date/Time: 6-6-11/0940
Reviewed By: (sign)	<i>[Signature]</i>	Print: LN Sutton			Date/Time: 6/6/11 1545
Comments:					

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Effective Date: 02/23/11

**Appendix E - End of Work Day Activities for 2404-WBWC Area**

Surveillance Date: 6/6/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)		Date/Time: 6-7-11 0019
Reviewed By: (sign)		Date/Time: 6-7-11 0030
Print:	Frank Fernandez	
Print:	David W. Messinger	
Comments:		

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Effective Date: 02/23/11

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/7/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/7/2011		Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 10 100% 24		
Performed By: (sign)	<i>[Signature]</i>	Print: Kelly O. Schmidt			Date/Time: 6-7-11/0938
Reviewed By: (sign)	<i>[Signature]</i>	Print: LN Sutta			Date/Time: 6/7/11 1600
Comments:					

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/MC Area

Surveillance Date: 6/7/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: <i>David W. Messenger</i>	Date/Time: 6-8-11 0001
Reviewed By: (sign)	Print: David W. Messenger	Date/Time: 6-8-11 0024
Comments:	BOTH EXHAUST FANS IN 2404-WB TURNED ON TO FACILITATE DRUM OFF GASSING AND AMBIENT HEAT RELEASE DMM	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/8/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/8/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-445	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/8/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓		
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓		
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 10 100% 23.5			
Performed By: (sign)	<i>Kelly O. Schmidt</i>	Print: Kelly O. Schmidt		Date/Time: 6-8-11/1030	
Reviewed By: (sign)	<i>LN Sutton</i>	Print: LN Sutton		Date/Time: 6/8/11 1545	
Comments:					

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**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date: 6/8/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: Daniel Andrews	Date/Time: 6-8-11 2330
Reviewed By: (sign)	Print: David W. Messinger	Date/Time: 6-9-11 0045
Comments:		

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/9/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/9/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/9/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	—	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	—	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	—	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	—	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 10 3/4 123		
Performed By: (sign)	<i>David W. Messinger</i>	Print:	David W. Messinger	Date/Time:	6/9/11 10:19
Reviewed By: (sign)	<i>David W. Messinger</i>	Print:	David W. Messinger	Date/Time:	6-10-11/0051
Comments:					

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 6/9/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: David W. Messinger	Date/Time: 6-9-11 03:15:30
Reviewed By: (sign)	Print: David W. Messinger	Date/Time: 6-10-11 00:05:1
Comments:	2404WB EXHAUST FANS ON @ 2325HRS - DM	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	Surveillance Date: 6/10/2011			
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/10/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)


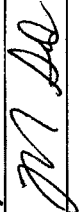
Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>10 25 90%</u>		
Performed By: (sign)		Print: Russell W. A. Fetherhead		Date/Time: 06/10/11 104
Reviewed By: (sign)		Print: LN Sutton		Date/Time: 6/10/11 145
Comments:				

Facility Inspection

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Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 6/10/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	 Print: Russell Walterman	Date/Time: 06/10/11 1430
Reviewed By: (sign)	 Print: LN Sutton	Date/Time: 6/10/11 1445
Comments:		

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/13/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/13/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
	2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/13/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓		
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓		
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>10 160% 124.0</u>			
Performed By: (sign)	<i>Kelly O. Schmidt</i>	Print: Kelly O. Schmidt		Date/Time: 6-13-11/1030	
Reviewed By: (sign)	<i>LN Sutton</i>	Print: LN Sutton		Date/Time: 6/13/11 1550	
Comments:					

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix E - End of Work Day Activities for 2404-WBWC Area**

Surveillance Date: 6/13/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums -- nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: <i>David W. Messenger</i>	Date/Time: 6/13/11 0827
Reviewed By: (sign)	Print: David W. Messenger	Date/Time: 6-14-11 0039
Comments:		

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/14/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/14/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	①	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	②	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/14/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.4]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	③	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>10, 16070, 23.0</u>		
Performed By: (sign)	<i>Kelly O. Schmidt</i>	Print: Kelly O. Schmidt			Date/Time: 6-14-11/0945
Reviewed By: (sign)	<i>UN SUTER</i>	Print: UN SUTER			Date/Time: 6/14/11 1555
Comments:	① PAX speaker malfunctioning, ② needs housekeeping, ③ Inactive, could not complete. ④ Added to Ops Turnover or Emailed Rad Con Mgmt				

WRP1-SV-1603  
Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 6/14/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: <i>Raz Sakakida</i>	Date/Time: 6-14-11 1154
Reviewed By: (sign) <i>David W. Messinger</i>	Print: David W. Messinger	Date/Time: 6-15-11 0010
Comments:		

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/15/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/15/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/15/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓		
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓		
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>10 125 190g</u>			
Performed By: (sign)	<i>[Signature]</i>	Print: <b>Russell waite</b>		Date/Time: 06/15/11 0945	
Reviewed By: (sign)	<i>[Signature]</i>	Print: <b>David W. Messinger</b>		Date/Time: 06-16-11 1006	
Comments:					

Facility Inspection

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 6/15/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: <i>PAZ SAPARAZA</i>	Date/Time: 6/15/11 2355
Reviewed By: (sign)	Print: David W. Messinger	Date/Time: 6-16-11 / 0009
Comments:		

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/16/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/16/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/16/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <i>10 (50%) 23.5</i>		
Performed By: (sign)	<i>Kelly O. Schmidt</i>	Print: Kelly O. Schmidt			Date/Time: 6-16-11/1515
Reviewed By: (sign)	<i>LN Satten</i>	Print: LN Satten			Date/Time: 6/16/11 1515
Comments:	<i>1 DOS notified Not a problem, notify only LN Satten M A</i>				

Facility Inspection

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Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 6/16/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign) <i>[Signature]</i>	Print: PAZ BARBARA	Date/Time: 6-16-11 2351
Reviewed By: (sign) <i>[Signature]</i>	Print: DAVID W MESSINGER	Date/Time: 6-17-11 0043
Comments: Key # 38 (5-11) checked out. - FORWARDED/NOTED IN FACILITY TRAVELER (DM)		

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	Surveillance Date: 6/17/2011			
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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Appendix D - Daily 2404-WB/WC Area Inspection  
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Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>10 150% 23.0</u>		
Performed By: (sign)	<i>Kelly O. Schmidt</i>	Print: Kelly O. Schmidt		Date/Time: 6-17-11/0915
Reviewed By: (sign)	<i>SPC</i>	Print: SPC		Date/Time: 6/17/11 1531
Comments:				

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 6/17/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	<i>Kelly O. Schmidt</i> Print: Kelly O. Schmidt	Date/Time: 6-17-11 / 1430
Reviewed By: (sign)	<i>SB Carter</i> Print: SB Carter	Date/Time: 6/17/11 1530
Comments:		

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/20/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**Appendix D - Daily 2404-WBWC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WBWC Area Inspection  
(3 pages total)

Surveillance Date: 6/20/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	/	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	/	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	/	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	/	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
	Performed By: (sign)	Print: <i>Samuel Johnson</i>	24   10   1/4	Date/Time: 6-20-11 11:05	
	Reviewed By: (sign)	Print: <i>Tim Fulton</i>		Date/Time: 6/20/11 16:07	
Comments:					

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 6/20/2011	Activity	Completed (S)
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll-down door is closed and locked.	✓
Performed By: (sign)	Print: <i>[Signature]</i>	Date/Time: 6-20-11 1550
Reviewed By: (sign)	Print: <i>Jim Fulton (DAYS)</i>	Date/Time: 6/20/11 1607
Comments:	<i>Robert Cox</i>	6/20/11 2335
	<i>DAVID W. MESSINGER (SWINGS)</i>	6-21-11 0059

**WRP1-SV-1603**  
**Facility Inspection**

Published Date: 02/23/11

Effective Date: 02/23/11

**Appendix D - Daily 2404-WB/MC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

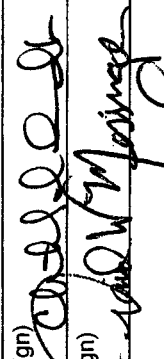
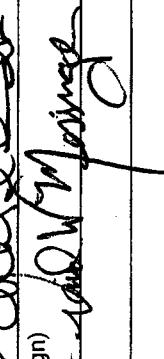
Surveillance Date: Click here to enter a date. <u>02-21-11</u>		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>10   7/2   23</u>		
Performed By: (sign)		Print: <b>IMAMSHAH, CLIFF</b>	Date/Time:	6-21-11 1014
Reviewed By: (sign)		Print: <b>DAVID W. MESSINGER</b>	Date/Time:	6-21-11 / 1417
Comments:				

Facility Inspection

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date. 6-21-11	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
	Performed By: (sign) <i>Robert Cox</i> Print: Robert Cox Date/Time: 6/21/11 2230	
	Reviewed By: (sign) <i>David W. Messinger</i> Print: David W. Messinger Date/Time: 6-22-11 10036	
	Comments:	

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Effective Date: 02/23/11

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/22/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/22/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
	2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)


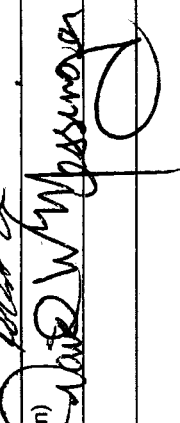
Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign) <i>David W. Messinger</i>		Print: <b>DAVID W. MESSINGER</b>	Date/Time: 6-22-11 10:10	
Reviewed By: (sign) <i>David W. Messinger</i>		Print: <b>David W. Messinger</b>	Date/Time: 6-22-11/1807	
Comments:				

Facility Inspection

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 6/22/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)		Date/Time: 6/22/11 2315
Reviewed By: (sign)		Date/Time: 6-23-11 / 0036
Comments:		

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Surveillance Date: Click here to enter a date.	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	6/23/11	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	X	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	X	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	
		Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	X	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	X	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	





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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	X	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	X	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 10 123psig		
Performed By: (sign)		Print: Kyle Leach	Date/Time: 6/23/11	
Reviewed By: (sign)		Print: WJ Sutter	Date/Time: 6/23/11	
Comments:	Unable to get into MO610			

Facility Inspection

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WBWC Area

Surveillance Date: Click here to enter a date. 6/23/11	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	X
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	X
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	X
	Transient combustibles are removed. [TSR AC 5.7.1.c]	X
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	X
	Ensure portable heater units in 2404-WB are turned OFF.	X
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	X
	For MO-610 and MO-654: Personnel access doors are closed and locked.	X
	Ensure all floodlights are turned OFF.	X
	Gates are closed and locked.	X
	For 2406W: Roll down door is closed and locked.	X
Performed By: (sign) <i>R-z</i>	Print: <i>B. Hayden</i>	Date/Time: 6-23-11 2300
Reviewed By: (sign) <i>David W. Messenger</i>	Print: <i>DAVID W. MESSINGER</i>	Date/Time: 6-24-11 / 0035
Comments:		

Facility Inspection

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/24/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
	2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Facility Inspection

Published Date: 02/23/11

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/24/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
	2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/24/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)		Print: P. Z. P.	10 1 24 1 24 25	Date/Time: 6/24/11 1646	
Reviewed By: (sign)		Print: L. N. Sutter		Date/Time: 6/24/11 1445	
Comments:					

Facility Inspection

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WBWC Area

Surveillance Date: 6/24/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down dog is closed and locked.	✓
	Performed By: (sign) <i>[Signature]</i>	Date/Time: 6/24/11 7:50 PM 1440
	Reviewed By: (sign) <i>[Signature]</i>	Date/Time: 6/24/11 16:45 1445
	Print: <i>PAZ ZARPAZ</i>	
	Print: <i>LU Sifton</i>	
	Comments:	

Published Date: 02/23/11

Effective Date: 02/23/11

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/27/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	6-28-11
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/27/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	NA	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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Appendix D - Daily 2404-WB/WC Area Inspection  
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Surveillance Date: 6/27/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	/	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	/	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	/	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	/	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 11   1/2   22		
Performed By: (sign)		Print: Sean G. Cohen		Date/Time: 6-27-11 1333	
Reviewed By: (sign)		Print: LN Setton		Date/Time: 6/29/11 1550	
Comments:					

Facility Inspection

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 6/27/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
	Performed By: (sign)  Print: PAZ BATAYAZA	Date/Time: 6-27-11 2356
	Reviewed By: (sign)  Print: DAVID W MESSINGER	Date/Time: 6-28-11 0031
	Comments:	

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Effective Date: 02/23/11

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date:	6/28/2011			
Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date:	6/28/2011			
Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
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Surveillance Date: 6/28/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	-	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	-	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	-	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	-	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 11   1/2   21		
Performed By: (sign)	Print: <i>Sean J. Baker</i>		Date/Time: 6-28-11 13:00	
Reviewed By: (sign)	Print: <i>LN Sutton</i>		Date/Time: 6/28/11 1610	
Comments:				

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 01/28/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For <b>2404-WB</b> : During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For <b>MO-610</b> and <b>MO-654</b> : Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For <b>2406W</b> : Roll down door is closed and locked.	✓
Performed By: (signature)	Print: <i>David W. Messenger</i>	Date/Time: 02/23/11 2348
Reviewed By: (signature)	Print: David W. Messenger	Date/Time: 02-29-11 - 0047
Comments:		

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/29/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	-	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	-	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	-	
	Aisle widths between rows of drum stacks or other containers. [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	-	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	-	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	-	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	-	

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**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/29/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	/	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	/	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	/	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	/	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	/	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	/	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	/	



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**Appendix D - Daily 2404-WB/MC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/29/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	/	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	/	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	/	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	/	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 11 1/2 121		
Performed By: (sign)	Print: <i>[Signature]</i>		Date/Time: 6-29-11 1112	
Reviewed By: (sign)	Print: <i>[Signature]</i>		Date/Time: 6/29/11 1545	
Comments:				



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Appendix D - Daily 2404-WBWC Area Inspection  
(3 pages total)

Surveillance Date: 6/30/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/30/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/30/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	/	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	/	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	/	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	/	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 11   2   1/2		
Performed By: (sign)	<i>[Signature]</i>	Print: <i>[Name]</i>		Date/Time: 1049 6:30-11	
Reviewed By: (sign)	<i>[Signature]</i>	Print: <i>[Name]</i>		Date/Time: 6/30/11 1610	
Comments:					

# WRP1-SV-1603 Facility Inspection

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## Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 6/30/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For <b>2404-WB</b> : During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For <b>MO-610</b> and <b>MO-654</b> : Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For <b>2406W</b> : Roll down door is closed and locked.	✓
Performed By: (signature)	Print: <i>Raz Barreza</i>	Date/Time: 6/30/11 / 2338
Reviewed By: (signature)	Print: <i>DAVID W MESSINGER</i>	Date/Time: 7-1-11 / 0028
Comments:		

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 7/1/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 7/1/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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Appendix D - Daily 2404-WB/WC Area Inspection  
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Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door.	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)		11-1-3/4-121		
Reviewed By: (sign)		Print: <i>[Signature]</i>	Date/Time: 7-1-11 1121	
Comments:		Print: <i>[Signature]</i>	Date/Time: 7/1/11 1526	

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 7/1/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
	Performed By: (sign) <i>[Signature]</i>	Date/Time: 7-1-11 1420
	Reviewed By: (sign) <i>[Signature]</i>	Date/Time: 7/1/11 1524
	Comments:	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 7/5/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	NA	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	NA	✓

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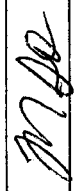
Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 7/5/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
	2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	NA	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	NA	
	MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Effective Date: 02/23/11

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 7/5/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>1113122</u>		
Performed By: (sign)		Print: SAU			Date/Time: 7/5/11 0956
Reviewed By: (sign)		Print: LN Sutton			Date/Time: 7/5/11 1600
Comments:					

Published Date: 02/23/11

Effective Date: 02/23/11

**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date: 7/5/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	X
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	X
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	X
	Transient combustibles are removed. [TSR AC 5.7.1.c]	X
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	X
	Ensure portable heater units in 2404-WB are turned OFF.	X
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	X
	For MO-610 and MO-654: Personnel access doors are closed and locked.	X
	Ensure all floodlights are turned OFF.	X
	Gates are closed and locked.	X
	For 2406W: Roll down door is closed and locked.	X
Performed By: (sign) <i>Robert Cox</i>	Print: Robert Cox	Date/Time: 7/5/11 22:35
Reviewed By: (sign) <i>David W. Messenger</i>	Print: David W. Messenger	Date/Time: 7-6-11 / 00:39
Comments:		

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Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/1/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

# WRP1-SV-1603

## Facility Inspection

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Effective Date: 02/23/11

### Appendix D - Daily 2404-WB/WC Area Inspection (3 pages total)

Surveillance Date: 3/1/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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Facility Inspection

Effective Date: 02/23/11

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/1/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
MO-610	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)	<i>[Signature]</i>	Print: Russell	7 123 135%		Date/Time: 03/01/11 10:45
Reviewed By: (sign)	<i>[Signature]</i>	Print: Tim Fulton			Date/Time: 3/1/11 15:20
Comments:					

Facility Inspection

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Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 3/1/2011	Activity	Completed
Inspect facility for general housekeeping. [TSR AC 5.7.1]		✓
Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]		✓
Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		✓
Transient combustibles are removed. [TSR AC 5.7.1.c]		✓
For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.		✓
Ensure portable heater units in 2404-WB are turned OFF.		✓
Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.		✓
For MO-610 and MO-654: Personnel access doors are closed and locked.		✓
Ensure all floodlights are turned OFF.		✓
Gates are closed and locked.		✓
For 2406W: Roll down door is closed and locked.		✓
Performed By: (sign) <i>[Signature]</i>	Print: <i>Russell</i>	Date/Time: 3-1-11 2330
Reviewed By: (sign) <i>[Signature]</i>	Print: <i>DAVID W MESSINGER</i>	Date/Time: 3-2-11 0108
Comments:		

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 3/1/2011	End of Day Activity	Complete	Comments
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	End of Shift Activity	✓	
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.*	✓	Day Shift
All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	Swing Shift
Ensure exterior facility doors are closed and locked (except for administrative area).	(Day Shift) Performed By: (sign)	✓	
(Day Shift) Reviewed By: (sign)	Print: Russell Waltherman	✓	Date/Time: 03/01/11 1540
(Swing Shift) Performed By: (sign)	Print: Tim Fulton	✓	Date/Time: 3/1/11 1557
(Swing Shift) Reviewed By: (sign)	Print: David W Messinger	✓	Date/Time: 3-1-11 0001
* Any transient combustibles found must be removed within 8 hours of identification.			Date/Time: 3-2-11 0109
* This inspection requirement is to be performed at the end of each shift when worked.			

Facility Inspection

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Appendix D - Daily 2404-WB/MC Area Inspection  
(3 pages total)

Surveillance Date: 3/2/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 m); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)



Surveillance Date: 3/2/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums -- nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/2/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)		Print: Russell Watterman	7 124 130%		Date/Time: 03/02/11 1030
Reviewed By: (sign)		Print: CN Sutton			Date/Time: 3/2/11 1610
Comments:	① WATER IN DRAIN				

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Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area


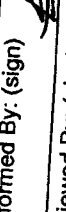

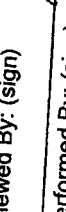


Surveillance Date: 3/2/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	<i>[Signature]</i>	Date/Time: 03-02-11 2349
Reviewed By: (sign)	<i>[Signature]</i>	Date/Time: 3-2-11 0031
Comments:	3-3-11 (DM)	

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 3/2/2011	End of Day Activity	Complete	Comments
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]		✓	
Inspect facility for general housekeeping [TSR AC 5.7.1]		✓	
Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).			
<b>End of Shift Activity</b>			
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *			
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.*		✓	Day Shift
All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)		✓	Swing Shift
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*		✓	
Ensure exterior facility doors are closed and locked (except for administrative area).		✓	
(Day Shift) Performed By: (sign)		✓	
(Day Shift) Reviewed By: (sign)		✓	
(Swing Shift) Performed By: (sign)			Date/Time: 02/02/11 1545
(Swing Shift) Reviewed By: (sign)			Date/Time: 3/2/11 1610
(Swing Shift) Performed By: (sign)			Date/Time: 3-3-11 0015
(Swing Shift) Reviewed By: (sign)			Date/Time: 3-3-11 0031

\* Any transient combustibles found must be removed within 8 hours of identification.  
 \* This inspection requirement is to be performed at the end of each shift when worked.



Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/3/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/3/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-445	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 3/3/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>7 124 135</u>		
Performed By: (sign)		Print: Russell Waldeman			Date/Time: 03/03/11 10:15
Reviewed By: (sign)		Print: LN Sutton			Date/Time: 3/3/11 155
Comments:					

Facility Inspection

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date:	Activity	Completed
3/3/2011	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
	Performed By: (sign) <i>David W. Messinger</i>	Date/Time: 3-3-11 2355
	Reviewed By: (sign) <i>David W. Messinger</i>	Date/Time: 3-4-11 0105
	Comments: Print: <i>David W. Messinger</i>	
	Print: <i>David W. Messinger</i>	

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Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 3/3/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)	<i>[Signature]</i>	Date/Time: 03/03/11	1550
(Day Shift) Reviewed By: (sign)	<i>M. Suter</i>	Date/Time: 3/3/11	1555
(Swing Shift) Performed By: (sign)	<i>[Signature]</i>	Date/Time: 3-3-11	2355
(Swing Shift) Reviewed By: (sign)	<i>David W. Messinger</i>	Date/Time: 3-4-11	0106

\* Any transient combustibles found must be removed within 8 hours of identification.  
 \* This inspection requirement is to be performed at the end of each shift when worked.

KEY 101 CHECKED OUT BUT ACCOUNTED FOR TO SUPPORT WEEKEND WORK *(pin)*

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)		Print: Russell		Date/Time: 03/04/11 1009
Reviewed By: (sign)		Print: LN Sutton		Date/Time: 3/4/11 1440
Comments:				





Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date.	Activity	Completed
03/04/11	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	 Print: Rustell	Date/Time: 03/04/11 1430
Reviewed By: (sign)	 Print: LN Sutter	Date/Time: 3/4/11 1400
Comments:		

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Effective Date: 02/23/11

**Appendix F - End of Work Shift/Day Activities**

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
03/04/11	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	
	(Day Shift) Performed By: (sign) <i>[Signature]</i>	Date/Time: 03/04/11	1438
	(Day Shift) Reviewed By: (sign) <i>[Signature]</i>	Date/Time: 3/4/11	1440
	(Swing Shift) Performed By: (sign)	Date/Time:	
	(Swing Shift) Reviewed By: (sign)	Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/7/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/7/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <b>(JMS) 7 (T) 110% (20psi)</b>		
Performed By: (sign)	<i>[Signature]</i>	Print: Daniel Andrews			Date/Time: 3-7-11 1030
Reviewed By: (sign)	<i>[Signature]</i>	Print: David W. Messinger			Date/Time: 3-7-11 1140
Comments:					

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 3/7/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	<input checked="" type="checkbox"/>
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	<input checked="" type="checkbox"/>
	Transient combustibles are removed. [TSR AC 5.7.1.c]	<input checked="" type="checkbox"/>
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	<input checked="" type="checkbox"/>
	Ensure portable heater units in 2404-WB are turned OFF.	<input checked="" type="checkbox"/>
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	<input checked="" type="checkbox"/>
	For MO-610 and MO-654: Personnel access doors are closed and locked.	<input checked="" type="checkbox"/>
	Ensure all floodlights are turned OFF.	<input checked="" type="checkbox"/>
	Gates are closed and locked.	<input checked="" type="checkbox"/>
	For 2406W: Roll down door is closed and locked.	<input checked="" type="checkbox"/>
	Performed By: (sign) <i>Lucas Burns</i>	Date/Time: 3-7-11 23:35
	Reviewed By: (sign) <i>David W. Messenger</i>	Date/Time: 3-8-11 0102
	Comments:	

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 3/7/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	✓
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS. * All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)	<i>[Signature]</i> Print: <i>Pamela Andrews</i>	Date/Time: 3-7-11 1550	
(Swing Shift) Reviewed By: (sign)	<i>[Signature]</i> Print: <i>Lucas David</i>	Date/Time: 3-7-11 2335	
(Swing Shift) Performed By: (sign)	<i>[Signature]</i> Print: <i>David W. Messinger</i>	Date/Time: 3-8-11 0104	
(Swing Shift) Reviewed By: (sign)	<i>[Signature]</i> Print: <i>David W. Messinger</i>	Date/Time: 3-8-11 0104	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/8/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	X	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	X	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	X	



**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 3/8/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	X	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/8/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	X	
*	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	X	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 11, 13/4, 22		
Performed By: (sign)	<i>Robert Cox</i>	Print: Robert Cox			Date/Time: 3/8/11 21:27
Reviewed By: (sign)	<i>M. Cox</i>	Print: M. Cox			Date/Time: 3/8/11 16:00
Comments:	Liquid behind Vault doors				

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 3/8/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: Lucas Bucas	Date/Time: 3-8-11 2330
Reviewed By: (sign)	Print: DAVID W MESSINGER	Date/Time: 3-9-11 0018
Comments:		

Before each use, ensure this copy is the most current version.

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 3/8/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	X	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	X	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	X	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	X	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	X	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	X	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	X	✓
(Day Shift) Performed By: (sign)	<i>Robert Cox</i>	Date/Time: 3/8/11 1540	
(Day Shift) Reviewed By: (sign)	<i>LN Seton</i>	Date/Time: 3/8/11 1600	
(Swing Shift) Performed By: (sign)	<i>Lucas Swans</i>	Date/Time: 3/8/11 2345	
(Swing Shift) Reviewed By: (sign)	<i>DAVID W MESSINGER</i>	Date/Time: 3-9-11 0019	

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/9/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	/	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	/	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	/	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	/	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	/	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 m); this space is free of stored combustibles	/	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	/	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	<u>Array Spacing</u> - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	/	

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 3/9/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date:	3/9/2011			
Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <i>1 full, 2 psi</i>		
Performed By: (sign)	<i>[Signature]</i>	Print: <i>Danley Andrews</i>	Date/Time: <i>3/9/11 10:30</i>	
Reviewed By: (sign)	<i>[Signature]</i>	Print: <i>LW Sutton</i>	Date/Time: <i>3/9/11 16:15</i>	
Comments:				

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 3/9/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: Lucas Durns	Date/Time: 3-9-11 2330
Reviewed By: (sign)	Print: David W. Messinger	Date/Time: 3-10-11 0027
Comments:		



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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 3/9/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.*	✓	✓
	All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).		
(Day Shift) Performed By: (sign)	<i>[Signature]</i> Print: <i>David L Andrews</i>	Date/Time: 3-9-11 1700	
(Day Shift) Reviewed By: (sign)	<i>[Signature]</i> Print: <i>LN Sutton</i>	Date/Time: 3/9/11 1615	
(Swing Shift) Performed By: (sign)	<i>[Signature]</i> Print: <i>Lucas Juro</i>	Date/Time: 3/9/11 2330	
(Swing Shift) Reviewed By: (sign)	<i>[Signature]</i> Print: <i>David W. Messinger</i>	Date/Time: 3-10-11 0028	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/10/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)



Surveillance Date: 3/10/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/10/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 11, 19, 11, 21 psi		
Performed By: (sign)		Print: Daniel Andrews			Date/Time: 3-10-11 08:13
Reviewed By: (sign)		Print: LN Sutton			Date/Time: 3/10/11 15:16
Comments:					

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 3/10/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: Lucas Burns	Date/Time: 3-10-11 2330
Reviewed By: (sign)	Print: David W. Messinger	Date/Time: 3-11-11 0136
Comments:	Signature: <i>[Signature]</i>	

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 3/10/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)	<i>[Signature]</i>	Date/Time: 3-10-11 3:30	
(Day Shift) Reviewed By: (sign)	<i>[Signature]</i>	Date/Time: 3/10/11 1540	
(Swing Shift) Performed By: (sign)	<i>[Signature]</i>	Date/Time: 3-10-11 2335	
(Swing Shift) Reviewed By: (sign)	<i>[Signature]</i>	Date/Time: 3-10-11 2335	

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Formatted Table

Surveillance Date: 3/11/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 m); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Formatted Table

Surveillance Date:	Item of Inspection	Expected Condition/Reading	Sat	Unsat
3/11/2011	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

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Surveillance Date: 3/11/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.		① #2
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)	<i>[Signature]</i>	Print: Daniel Andrews	11 Full 2 psi		Date/Time: 3-11-11 10:00
Reviewed By: (sign)	<i>[Signature]</i>	Print: TM Felton			Date/Time: 3-11-11 131Z
Comments:	#2 Outer Rollup door to HERTR is closed and locked. <i>[Signature]</i>				

**WRP1-SV-1603**  
**Facility Inspection**

Rev. 6, Chg. 5

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**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date: 3/11/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	<i>[Signature]</i>	Date/Time: 3/11/11 1500
Reviewed By: (sign)	Print: DENNIS GRAY <i>[Signature]</i> Print: Tim Fritter	Date/Time: 3/11/11 1545
Comments:		

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date. 3/11/11	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.*	✓	
	All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	
	(Day Shift) Performed By: (sign) <i>[Signature]</i>	Date/Time: 1500 3-10-11	<i>[Signature]</i>
	(Day Shift) Reviewed By: (sign) <i>[Signature]</i>	Date/Time: 3/11/11 1548	
	(Swing Shift) Performed By: (sign)	Date/Time:	
	(Swing Shift) Reviewed By: (sign)	Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/14/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/14/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/14/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓		
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓		
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.	11 12 1/2 22		
Performed By: (sign)	<i>Dick Wiles</i>	Print: Dick Wiles		Date/Time: 3/14/11 1409	
Reviewed By: (sign)	<i>Tim Fulton</i>	Print: Tim Fulton		Date/Time: 3/14/11 1426	
Comments:					

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Appendix E - End of Work Day Activities for 2404-WB/MC Area

Surveillance Date: 3/14/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	N/A
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: Tim Breshears	Date/Time: 3/14/11 2315 TB
Reviewed By: (sign)	Print: David W. Messinger	Date/Time: 3-14-11 0042
Comments:		

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/15/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	



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**Appendix D - Daily 2404-WB/WC Area Inspection**  
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Surveillance Date: 3/15/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
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Surveillance Date: 3/15/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 11 12/12/23		
Performed By: (sign)	<i>Dirk Wiese</i>	Print: DIRK WIESE			Date/Time: 3/15/11 10:00
Reviewed By: (sign)	<i>Tim Fegerton</i>	Print: TIM FEGERTON			Date/Time: 3/15/11 1603
Comments:					

Facility Inspection

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Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 3/15/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: Derek Olsen	Date/Time: 3/15/11 2400
Reviewed By: (sign)	Print: David W. Messinger	Date/Time: 3-16-11 0117
Comments:		

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 3/15/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.* <i>Key to W Anderson DMS</i>	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)	<i>Dick Wiers</i>	Date/Time: 3/15/11	1600
(Day Shift) Reviewed By: (sign)	<i>Tom Fisher</i>	Date/Time: 3/15/11	1601
(Swing Shift) Performed By: (sign)	<i>David Olson</i>	Date/Time: 3/15/11	2400
(Swing Shift) Reviewed By: (sign)	<i>David W. Messinger</i>	Date/Time: 3-16-11	0118

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: Click here to enter a date. 3/16/11	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Surveillance Date: Click here to enter a date. <u>3/16/11</u>	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums -- nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Surveillance Date: Click here to enter a date.	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	3/16/11	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)		Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
		General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>11 11 11 11 11</u>		
Performed By: (sign)	<i>Dick Ste...</i>	Print: <i>Derrick Harris</i>		Date/Time: 3/16/11 0945	
Reviewed By: (sign)	<i>LN Sutton</i>	Print: <i>M D</i>		Date/Time: 3/16/11 1515	
Comments:					

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Activity	Completed
Surveillance Date: Click here to enter a date. <u>3/16/11</u>	
Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
Ensure portable heater units in 2404-WB are turned OFF.	✓
Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
Ensure all floodlights are turned OFF.	✓
Gates are closed and locked.	✓
For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign) <i>[Signature]</i>	Date/Time: <u>3/16/11 2130</u>
Reviewed By: (sign) <i>[Signature]</i>	Date/Time: <u>3-17-11 0036</u>
Print: <u>Derek Olsen</u>	
Print: <u>David W. Messinger</u>	
Comments:	



Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
3/16/11	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	✓
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.*	✓	✓
	All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
	(Day Shift) Performed By: (sign) <i>[Signature]</i>	Date/Time: 3/16/11	15:50
	Print: Derrick Harris	Date/Time: 3/15/11	1555
	(Swing Shift) Performed By: (sign) <i>[Signature]</i>	Date/Time: 3/16/11	2130
	Print: David W. Messenger	Date/Time: 3-17-11	0036

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

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Surveillance Date: 3/17/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
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Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/17/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)	<i>Dick Wier</i>	Print: Dick Wier	11 1/2 133		Date/Time: 3-17-11 1000
Reviewed By: (sign)	<i>Stephen B Carter</i>	Print: Stephen B Carter			Date/Time: 3/17/11 1625
Comments:					

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 3/17/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums -- nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: Dennis Gray	Date/Time: 3-17-11 2340
Reviewed By: (sign)	Print: David W. Messenger	Date/Time: 3-18-11 0052
Comments:		

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 3/17/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)	<i>David W. Messinger</i> Print: <i>Dick Williams</i>	Date/Time: 3-17-11	1610
(Day Shift) Reviewed By: (sign)	<i>Steph</i> Print: <i>Stevens Carter</i>	Date/Time: 3/17/2011	1625
(Swing Shift) Performed By: (sign)	<i>Dennis Gray</i> Print: <i>DENNIS GRAY</i>	Date/Time: 3-17-11	2340
(Swing Shift) Reviewed By: (sign)	<i>David W. Messinger</i> Print: <i>David W. Messinger</i>	Date/Time: 3-18-11	0051

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Surveillance Date: Click here to enter a date. 3-18-11	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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Appendix D - Daily 2404-WB/WC Area Inspection  
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Location	Surveillance Date: Click here to enter a date. 3-18-11	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)		Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
		General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 11 1/2   22		
Performed By: (sign)	<i>Debra</i>	Print: Derrick Harris		Date/Time: 0842 3/18/11	
Reviewed By: (sign)	<i>MDR</i>	Print: LN Sutton		Date/Time: 3/18/11 500	
Comments:					

Before each use, ensure this copy is the most current version.

Facility Inspection

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date. 3-18-11	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign) <i>[Signature]</i>	Print: <i>Darrel Harris</i>	Date/Time: 3-18-11 15:00
Reviewed By: (sign) <i>[Signature]</i>	Print: <i>UN Sultan</i>	Date/Time: 3/18/11 1500
Comments:		

Facility Inspection

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date: 3-18-11	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	
(Day Shift) Performed By: (sign)	<i>[Signature]</i>	Date/Time: 3-18-11 / 15:00	
(Day Shift) Reviewed By: (sign)	<i>[Signature]</i>	Date/Time: 3/18/11 1500	
(Swing Shift) Performed By: (sign)		Date/Time:	
(Swing Shift) Reviewed By: (sign)		Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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Effective Date: 02/23/11

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Location	Date: Click here to enter a date. <i>3/20/11</i>	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	NA	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.		
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		
		Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.		

*met*  
*3/20/11*

Published Date: 02/23/11

Effective Date: 02/23/11

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: Click here to enter a date. *3/20/11*

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<i>NA</i>	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.		
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		<i>↓</i>

*Spotts*  
 3/20/11

Published Date: 02/23/11

Effective Date: 02/23/11

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	NA	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)		
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.		
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)		Print:	Date/Time:	
Reviewed By: (sign)		Print:	Date/Time:	
Comments:				


Facility Inspection

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date.	Activity	Completed
3/20/11	Inspect facility for general housekeeping. [TSR AC 5.7.1]	N/A
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	
	Transient combustibles are removed. [TSR AC 5.7.1.c]	
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	
	Ensure portable heater units in 2404-WB are turned OFF.	
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	
	For MO-610 and MO-654: Personnel access doors are closed and locked.	
	Ensure all floodlights are turned OFF.	
	Gates are closed and locked.	
	For 2406W: Roll down door is closed and locked.	
	Performed By: (sign)	Date/Time:
	Reviewed By: (sign)	Date/Time:
	Comments:	

  
 3/20/11

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	NA	NO WA STATE LIMITS
	Inspect facility for general housekeeping [TSR AC 5.7.1]	NA	NO ABNORMALS
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	NA	NOT ACCESSED
	<b>End of Shift Activity</b>	<b>Day Shift</b>	<b>Swing Shift</b>
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	NA	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	NO KEYS CHECKED OUT	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	ALL KEYS ACCOUNTED	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	NOT ACCESSED	✓
	(Day Shift) Performed By: (sign) NA	Date/Time: NA	
	(Day Shift) Reviewed By: (sign) NA STEVEN B. CARTER	Date/Time: 3/20/11 1545	
	(Swing Shift) Performed By: (sign) Robert Cox	Date/Time: 3/20/11 1200	
	(Swing Shift) Reviewed By: (sign) DAVID W. MESSINGER	Date/Time: 3-20-11 1838	

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

WORK WAS LIMITED PROCESS AREA & NDE/NDA NO SURVEILLANCE  
PERFORMED EXCEPT IN THE 2336a BUILDING  
END OF DAYS ONLY PERFORMED FOR SP CENTER  
Swings



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Effective Date: 02/23/11

**COPY**

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	N/A	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 3/21/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	N/A	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/21/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	N/A with 1010 Access
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		11   5 1/2   22
Performed By: (sign)	<i>B. Lohd</i>	Print: BRION COOSIL			Date/Time: 3-21-11 1540
Reviewed By: (sign)	<i>SPC</i>	Print: SP Carter			Date/Time: 3/21/11 1600
Comments:	MO-654 & 2406W are NOT accessible until construction done working on emergency lights. 3/21/11				



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Effective Date: 02/23/11

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 3/21/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	✓
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)	<i>David W Messinger</i> Print: <i>David W Messinger</i>	Date/Time: 3-21-11 16:45	
(Day Shift) Reviewed By: (sign)	<i>Stanton</i> Print: <i>Stanton</i>	Date/Time: 3/24/11 1602	
(Swing Shift) Performed By: (sign)	<i>David W Messinger</i> Print: <i>David W Messinger</i>	Date/Time: 3/22/11 00:07	
(Swing Shift) Reviewed By: (sign)	<i>David W Messinger</i> Print: <i>David W Messinger</i>	Date/Time: 3-22-11 00:39	

\* Any transient combustibles found must be removed within 4 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	X	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	X	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	X	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Surveillance Date: Click here to enter a date. <u>3/22/11</u>	Item of inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	X	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	

Facility Inspection

Effective Date: 02/23/11

Published Date: 02/23/11

Appendix D - Daily 2404-WB/MC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	X	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	X	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 11   -4   22		
Performed By: (sign) <i>[Signature]</i>		Print: Derek Olson	Date/Time: 3/22/11 1415	
Reviewed By: (sign) <i>[Signature]</i>		Print: Steven P. Carter	Date/Time: 7/22/11 1602	
Comments:				





Facility Inspection

Effective Date: 02/23/11

Published Date: 02/23/11

Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
3/22/11	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	X	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	X	✓
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	X	✓
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	X	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS. * All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	X	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	X	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	X	✓
(Day Shift) Performed By: <i>[Signature]</i>	Print: Derek Olsen	Date/Time: 3/22/11	1600
(Day Shift) Reviewed By: <i>[Signature]</i>	Print: Sarah Connor	Date/Time: 3/22/11	1638
(Swing Shift) Performed By: <i>[Signature]</i>	Print: Derek Horras	Date/Time: 3/22/11	0007
(Swing Shift) Reviewed By: <i>[Signature]</i>	Print: David W. Messinger	Date/Time: 3-23-11	0021

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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Effective Date: 02/23/11

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**Appendix D - Daily 2404-WB/MC Area Inspection**  
 (3 pages total)

Surveillance Date: 3/23/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC.FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	N/A	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Effective Date: 02/23/11

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 3/23/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	N/A	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Effective Date: 02/23/11

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 3/23/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>11</u>   <u>1/2</u>   <u>22.5</u>		
Performed By: (sign)	<i>Brian Cochil</i>	Print: <i>BRIAN COCHIL</i>		Date/Time: 3-23-11 1570	
Reviewed By: (sign)	<i>HN Sutton</i>	Print: <i>HN Sutton</i>		Date/Time: 3/23/11 1605	
Comments:					

Facility Inspection

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Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 3/23/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	<i>[Signature]</i>	Date/Time: 3/23/11 / 2354
Reviewed By: (sign)	<i>[Signature]</i>	Date/Time: 3-24-11 / 0006
Comments:	Print: <i>Derrick Harris</i> Print: David W. Messinger	

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 3/23/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	✓
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS. * All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)	<i>Bin Caldwell</i> Print: BRION COOPER	Date/Time: 3-23-11	1603
(Day Shift) Reviewed By: (sign)	<i>M. A.</i> Print: LN Sutton	Date/Time: 3/23/11	1405
(Swing Shift) Performed By: (sign)	<i>Derrick Harris</i> Print: Derrick Harris	Date/Time: 3/22/11	2355
(Swing Shift) Reviewed By: (sign)	<i>David W. Messinger</i> Print: David W. Messinger	Date/Time: 3-24-11	0007

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	



Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/24/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	N/A	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WBWC Area Inspection  
(3 pages total)

Surveillance Date: 3/24/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>11</u> <u>E</u> <u>121.5</u>		
Performed By: (sign)	<i>Brian Cochran</i>	Print: <i>Brian Cochran</i>	Date/Time: <i>3-24-11 1500</i>	
Reviewed By: (sign)	<i>JM</i>	Print: <i>JN Sutton</i>	Date/Time: <i>3/24/11 1535</i>	
Comments:				

Published Date: 02/23/11

Effective Date: 02/23/11

**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date: 3/24/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: <i>Derrick K. Harris</i>	Date/Time: 3/24/11
Reviewed By: (sign)	Print: <i>David W. Messinger</i>	Date/Time: 3-25-11/0048
Comments:		

Facility Inspection

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 3/24/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)	<i>Brion Coosil</i>	Date/Time: 3-24-11	1548
(Day Shift) Reviewed By: (sign)	<i>LN Sutton</i>	Date/Time: 3/24/11	1555
(Swing Shift) Performed By: (sign)	<i>Derrick Hous</i>	Date/Time: 3/24/11	2343
(Swing Shift) Reviewed By: (sign)	<i>David W. Messinger</i>	Date/Time: 3-25-11	0049

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

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Effective Date: 02/23/11

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

**COPY**

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 3/25/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
	2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 3/25/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>11   E   21.5</u>		
Performed By: (sign)	<i>Brion Cordell</i>	Print: <b>BRION CORDILL</b>		Date/Time: <b>3-25-11 1121</b>	
Reviewed By: (sign)	<i>Steven B. Carter</i>	Print: <b>STEVEN B. CARTER</b>		Date/Time: <b>3/25/11 1516</b>	
Comments:					

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Appendix A - Daily Facility Inspection  
(6 pages total)

Surveillance Date: 3/25/2011	Location	Item of Inspection	Expected Condition/Reading	Reading	Sat	Unsat
NDE/NDA Area	General housekeeping, evidence of chemical leaks, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations, no chemical leaks, egress routes clear.			✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12, SWOC FHA 1.3.5.9]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.			✓	
	Number of wooden or FRP waste boxes in area [SWOC FHA 1.3.5.8]	No more than 10 allowed. Count also includes Shipping & Receiving.			08/3-26/11 N/A	
	Poly drums and boxes (Polyethylene High Integrity Container) [SWOC FHA 1.3.5.7]	No more than 1 HDPE polyHIC box (<870-lb empty) or 4 HDPE polyHIC drums (cumulatively <600 lb empty). Count also includes Shipping & Receiving.			N/A	
	Record dewar numbers, levels, and pressures	Notify DOS if levels are half full or lower. Expected pressure is 20 to 30 psig.	GEA-A: 4 GEA-B: 7 Spare 1: Spare 2:	F 21 F 27		
	Dewar liquid valve(s)	Open for on-line dewars.			✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.			N/A	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.			✓	



Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 3/25/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	<i>Brion Goodric</i>	Date/Time: 3/25/11 1449
Reviewed By: (sign)	<i>Steven B. Carter</i>	Date/Time: 3/25/11 1518
Comments:		

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 3/25/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	N/A
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	↓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	↓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	↓
	(Day Shift) Performed By: (sign) <i>B. Coosik</i>	Date/Time: 3-25-11 1517	
	(Day Shift) Reviewed By: (sign) <i>Steven B. Carter</i>	Date/Time: 3/25/11 1519	
	(Swing Shift) Performed By: (sign)	Date/Time:	
	(Swing Shift) Reviewed By: (sign)	Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: Click here to enter a date. 3-28-11	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	n/a	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	n/a	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign) <i>Lucas Durao</i> Reviewed By: (sign) <i>David W. Messinger</i> Comments: <i>Note an acid spill was discovered that was due to forklift battery charging upon entry to the building. The spill was stabilized with baking soda and plans are in the work to clean up appropriately. W After JLD</i> <i>CLEANED UP ON SWINGS &amp; DWM</i>		Date/Time: <i>3-28-11 1500</i> Date/Time: <i>3-29-11 0115</i>		

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date.	Activity	Completed
3-28-11	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: Daniel Andrews	Date/Time: 3-28-11 2330
Reviewed By: (sign)	Print: David W. Messinger	Date/Time: 3-29-11 0116 DM
Comments:	0116 3-29-11	

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
3-28-11	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.*	✓	✓
	All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)	Lucas Burns	Date/Time: 3-28-11	1530
(Day Shift) Reviewed By: (sign)	David Anderson	Date/Time: 3-28-11	2330
(Swing Shift) Performed By: (sign)	David W. Messinger	Date/Time:	
(Swing Shift) Reviewed By: (sign)	David W. Messinger	Date/Time: 3-29-11	0117

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	Surveillance Date: Click here to enter a date. 3-27-11			
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	n/a	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	
				LS 3-29-11



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Appendix D - Daily 2404-WBWC Area Inspection  
(3 pages total)

Surveillance Location	Surveillance Date: Click here to enter a date. 3-27-11	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	n/a	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Surveillance Date: Click here to enter a date. <u>3-29-11</u>	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)		Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
		General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>11   E   22</u>		
Performed By: (sign)	<i>Lucas Burns</i>	Print: Lucas Burns			Date/Time: 3-29-11 1000
Reviewed By: (sign)	<i>M. De</i>	Print: LN Sutton			Date/Time: 3/29/11 1530
Comments:					

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date.	Activity	Completed
3-29-11	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
	Performed By: (sign) <i>David W. Messinger</i>	Date/Time: 3-29-11 2345
	Reviewed By: (sign) <i>David W. Messinger</i>	Date/Time: 3-30-11 0052
	Print: <i>David W. Messinger</i>	
	Print: David W. Messinger	
	Comments:	

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date. 3-29-11	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	<b>End of Shift Activity</b>	<b>Day Shift</b>	<b>Swing Shift</b>
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign) <i>Lucas Burgs</i>	Print: <i>Lucas Burgs</i>	Date/Time: 3-29-11	1545
(Day Shift) Reviewed By: (sign) <i>M. D.</i>	Print: <i>M. D.</i>	Date/Time: 3/29/11	1550
(Swing Shift) Performed By: (sign) <i>David W. Messenger</i>	Print: <i>David W. Messenger</i>	Date/Time: 3-29-11	2350
(Swing Shift) Reviewed By: (sign) <i>David W. Messenger</i>	Print: <i>David W. Messenger</i>	Date/Time: 3-30-11	0053

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/MC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	n/a	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Effective Date: 02/23/11

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
MO-444	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Effective Date: 02/23/11

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>11 FEB 22</u>		
Performed By: (sign)	<i>Lucas Burns</i>	Print: Lucas Burns	Date/Time: 3-30-11 1000	
Reviewed By: (sign)	<i>LN Sutton</i>	Print: LN Sutton	Date/Time: 3/30/11 1520	
Comments:	① Pa system in 444 not working.			

Facility Inspection

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date.	Activity	Completed
3-30-11	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: Daniel Andrews	Date/Time: 3-30-11 1320
Reviewed By: (sign)	Print: David W. Messinger	Date/Time: 3-31-11 0043
Comments:		



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Effective Date: 02/23/11

**Appendix F - End of Work Shift/Day Activities**

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
3-30-11	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	<b>End of Shift Activity</b>	<b>Day Shift</b>	<b>Swing Shift</b>
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)	<i>Lucas Barros</i>	Date/Time: 3-30-11	1510
(Day Shift) Reviewed By: (sign)	<i>W. Satten</i>	Date/Time: 3/30/11	1525
(Swing Shift) Performed By: (sign)	<i>Raniel Andrews</i>	Date/Time: 3-30-11	2330
(Swing Shift) Reviewed By: (sign)	<i>David W. Messinger</i>	Date/Time: 3-31-11	0044

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: Click here to enter a date. 3-31-11	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Effective Date: 02/23/11

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: Click here to enter a date. 3-31-11	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 8 1-1/2 127.0		
Performed By: (sign)	<i>[Signature]</i>	Print: L R LAMPMAN	Date/Time: 3-31-11 1400	
Reviewed By: (sign)	<i>[Signature]</i>	Print: L N SUTTON	Date/Time: 3/31/11 1600	
Comments:				

Facility Inspection

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date.	Activity	Completed
3-31-11	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: Daniel Anderson	Date/Time: 3-31-11 2330
Reviewed By: (sign)	Print: David W. Messinger	Date/Time: 3-4-11 0037
Comments:		

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date. 3-31-11	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign) <i>[Signature]</i>	Print: <i>LR Campman</i>	Date/Time: 3-31-11	1530
(Day Shift) Reviewed By: (sign) <i>[Signature]</i>	Print: <i>LN Sutton</i>	Date/Time: 3/31/11	1600
(Swing Shift) Performed By: (sign) <i>[Signature]</i>	Print: <i>Daniel Andrews</i>	Date/Time: 3-31-11	2345
(Swing Shift) Reviewed By: (sign) <i>[Signature]</i>	Print: <i>David W. Messenger</i>	Date/Time: 4-1-11	0038

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 5/2/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
	2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.		
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		
		Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.		

*Buildings on Restricted Areas  
 No Entry 5/2/11*

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Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/2/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	N/A	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/2/2011		Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 11   1/4   21		
Performed By: (sign)	<i>Brion Coobick</i>	Print: BRION COOBICK		Date/Time: 5-2-11 1443	
Reviewed By: (sign)	<i>LN</i>	Print: LN Sutton		Date/Time: 5/2/11 1530	
Comments:					

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 5/2/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	N/A
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: <i>David W. Messenger</i>	Date/Time: 5/2/11 2355
Reviewed By: (sign)	Print: <i>David W. Messenger</i>	Date/Time: 5-3-11 0106
Comments:		5-3-11

Facility Inspection

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Appendix D - Daily 2404-WBWC Area Inspection  
(3 pages total)

Surveillance Date: 5/3/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.		

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Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	N/A	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 5/3/2011		Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)	<i>Brian Coosh</i>	Print: <i>BRIAN COOSH</i>			Date/Time: 5-3-11 1570
Reviewed By: (sign)	<i>MJ</i>	Print: <i>LN Sifton</i>			Date/Time: 5/3/11 1620
Comments:					

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 5/3/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	N/A
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: <i>Raz Barcaglia</i>	Date/Time: <i>5-3-11 0032</i>
Reviewed By: (sign)	Print: David W. Messinger	Date/Time: 5-4-11 0036
Comments:	2404-WB restricted access	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/4/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.		

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 5/4/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	N/A	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>8   74   28</u>		
Performed By: (sign)	<i>Brion Codrill</i>	Print: BRION CODRILL	Date/Time: 5-4-11 1613	
Reviewed By: (sign)	<i>MAR</i>	Print: LN SATON	Date/Time: 5/4/11 1610	
Comments:				

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Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date:	Activity	Completed
5/4/2011	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	N/A
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: <i>RAE BARRAZA</i>	Date/Time: 5/4/11 2356
Reviewed By: (sign)	Print: <i>DAVID W MESSINGER</i>	Date/Time: 5-5-11 0101
Comments:	<i>2404-WB restricted access</i>	

Facility Inspection

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Appendix D - Daily 2404-WB/MC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.		

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/5/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
	2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/5/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>8</u>   <u>34</u>   <u>27</u>		
Performed By: (sign)	<i>Brian Cobble</i>	Print: <i>BRIAN COBSIL</i>		Date/Time: <i>5-5-11 1330</i>	
Reviewed By: (sign)	<i>M. A.</i>	Print: <i>LN SUTAN</i>		Date/Time: <i>5/5/11 1540</i>	
Comments:					

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Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WBWC Area

Surveillance Date: 5/5/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	*
Performed By: (sign)	Print: <i>RAZ SAZBAZA</i>	Date/Time: 5/5/11 2348
Reviewed By: (sign)	Print: David W. Messinger	Date/Time: 5-6-11 / 0022
Comments: * <i>call down door left open notified DRS. - Notified/Benwood CIP MAT.</i>		

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/6/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.		

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 5/6/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	N/A	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/6/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	N/A	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>8</u>   <u>F</u>   <u>28</u>		
Performed By: (sign)	<i>Bin Lalid</i>	Print: <i>Brian Cooper</i>	Date/Time: <i>5-6-11 1453</i>	
Reviewed By: (sign)	<i>JM Dr</i>	Print: <i>LN Sitar</i>	Date/Time: <i>5/6/11 1515</i>	
Comments:				

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Effective Date: 02/23/11

**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date:	Activity	Completed
5/6/2011	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	NA
	Ensure portable heater units in 2404-WB are turned OFF.	NA
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	NA
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: Brian Conzick	Date/Time: 5-6-11 1455
Reviewed By: (sign)	Print: LN Seton	Date/Time: 5/6/11 1515
Comments:		

**WRP1-SV-1603**  
**Facility Inspection**

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Effective Date: 02/23/11

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

①

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
	Drum and box stacking. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.		

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**Appendix D - Daily 2404-WBWC Area Inspection**  
 (3 pages total)



Surveillance Date: 5/9/2011		Item of Inspection	Expected Condition/Reading	Sat	Unsat
Location					
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

**WRP1-SV-1603**  
**Facility Inspection**

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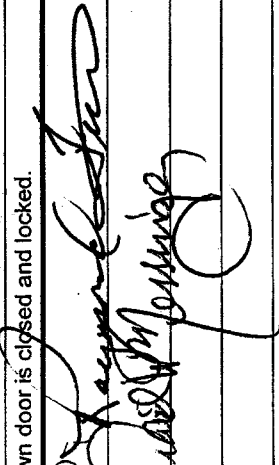

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <b>2 128 90%</b>		
Performed By: (sign)		Print: <b>Russell Wetzel</b>		Date/Time: 05/09/11 11:15
Reviewed By: (sign)		Print: <b>LN Sutton</b>		Date/Time: 5/9/11 1545
Comments:	<b>① WB IN RESTRICTED ACCESS</b>			

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**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date: 5/9/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums -- nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
	Performed By: (sign)  Print: <b>Raymond Fickett</b>	Date/Time: 5-9-2011/1140
	Reviewed By: (sign)  Print: <b>David W. Messenger</b>	Date/Time: 5-10-11/0031
	Comments:	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/10/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.		
	Aisle widths between rows of drum stacks or other containers. [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.		

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 5/10/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spitter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/10/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>26   3/4   8</u>		
Performed By: (sig)	<i>[Signature]</i>	Print: <i>[Signature]</i>	Date/Time: 5-10-11	11:20
Reviewed By: (sig)	<i>[Signature]</i>	Print: LN Sutton	Date/Time: 5/10/11	1620
Comments:				

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**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date: 5/10/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	<i>Raymond Fitchek</i> Print: Raymond Fitchek	Date/Time: 5-10-11 -23:16
Reviewed By: (sign)	<i>David W. Messenger</i> Print: David W. Messenger	Date/Time: 5-10-11 23:20
Comments:		

Facility Inspection

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Effective Date: 02/23/11

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18 for boxes other than 8 ft)		
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.		

*Building on restricted (HKA/ARA) status. No access to perform surveillance. W/Sutter M.D.*

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 5/11/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
	2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	/	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	/	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	/	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	/	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	/	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	/	
MO-444		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	/	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	/	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/11/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	/	/
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	/	/
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	/	/
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	/	/
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <i>5/11/11 8:11a 120</i>		
Performed By: (sign)	<i>[Signature]</i>	Print: Robert Tacheil		Date/Time: 5/11/11 1008 AM	
Reviewed By: (sign)	<i>[Signature]</i>	Print: LN Seton		Date/Time: 5/11/11 1605	
Comments:					



Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: Click here to enter a date.	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.		

*Postal HCA/ARA/BLA no routine access allowed.*

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date:	Click here to enter a date.	5/12/11			
Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat	
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	n/a		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		



Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>8 1/2, 26</u>		
Performed By: (sign)	<i>Lucas Burns</i>	Print: Lucas Burns	Date/Time: 5-12-11 1445	
Reviewed By: (sign)	<i>JM DA</i>	Print: LN Sutton	Date/Time: 5/12/11 1550	
Comments:				

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Appendix E - End of Work Day Activities for 2404-WB/MC Area

Surveillance Date: Click here to enter a date.	Activity	Completed
5/12/11	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)		Date/Time: 5-12-2011/0028
Reviewed By: (sign)		Date/Time: 5-13-11/0057
Comments:		

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 5/13/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
	2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	NA ①	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	NA ①	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	NA ①	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	NA ①	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	NA ①	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	NA ①	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	NA ①	
		Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	NA ①	

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Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present <b>inside</b> the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/13/2011			
Location	Item of Inspection	Expected Condition/Reading	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. $\phi$ 1 1/2" ID	
Performed By: (sign)	Don Benson	Print: Don Benson	Date/Time: 5-13-11/0930
Reviewed By: (sign)	M. J. [Signature]	Print: M.N. Sitter	Date/Time: 5/13/11 SW
Comments:	① No entry due to drum breach activities.		

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**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date: 5/13/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	N/A
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	<i>Don Benson</i>	Date/Time: 5-13-11 / 1455
Reviewed By: (sign)	<i>M. Dot</i>	Date/Time: 5/13/11 1500
Comments:		

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 5/16/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		/
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		/
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		/
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.		/
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		/
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		/
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		/
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.		/

*No Access on ARA status*

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date:	5/16/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection				
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>8 1/4 127</u>		
Performed By: (sign)	<i>[Signature]</i>	Print: SPAM HOBBS	Date/Time: 5/16/11 15:30	
Reviewed By: (sign)	<i>[Signature]</i>	Print: LNV Sutton	Date/Time: 5/16/11 16:00	
Comments:				

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 5/16/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	* ✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door, is closed and locked.	✓
	Performed By: (sign) <i>Ray D...</i> Print: RAZ SAERAZA Date/Time: 5/16/11 / 2358	
	Reviewed By: (sign) <i>David W. Messenger</i> Print: David W. Messenger Date/Time: 5-17-11 / 0028	
	Comments: * 2404-WB RESTRICTED ACCESS <i>(DM)</i>	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 5/17/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.			N/A
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		N/A	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.			N/A
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.			N/A
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.			N/A
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles			N/A
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)			N/A
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.			N/A

N/A - NOT ACCESSABLE

**COPY**

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/17/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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**Appendix D - Daily 2404-WB/MC Area Inspection**  
 (3 pages total)

Surveillance Date: 5/17/2011		Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>8 1/4, 27</u>		
Performed By: (sign)	<i>[Signature]</i>	Print: <u>SAM HOBBS</u>			Date/Time: <u>5/17/11 10:00</u>
Reviewed By: (sign)	<i>[Signature]</i>	Print: <u>LN Sutton</u>			Date/Time: <u>5/17/11 1500</u>
Comments:					

Published Date: 02/23/11

Effective Date: 02/23/11

**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date: 5/17/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign) <i>[Signature]</i>	Print: <i>PAZ BARBARAZA</i>	Date/Time: 5/17/11 0010
Reviewed By: (sign) <i>[Signature]</i>	Print: <i>STEVEN B CARTER</i>	Date/Time: 5/17/11 0012
Comments: * 2404-WB on restricted access		

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/18/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		N/A
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		N/A
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.		N/A
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		N/A
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		N/A
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		N/A
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.		N/A

COPY N/A - NOT NECESSARY  
 RESTRICTED

Facility Inspection

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Effective Date: 02/23/11

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/18/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	NA	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



Facility Inspection

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Appendix D - Daily 2404-WB/MC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>8 K/4, 28</u>		
Performed By: (sign)	<i>[Signature]</i>	Print: SAM HUBBS	Date/Time: 5/18/11 09:35	
Reviewed By: (sign)	<i>[Signature]</i>	Print: LN Sutton	Date/Time: 5/18/11 1525	
Comments:				

Facility Inspection

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Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 5/18/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	N/A Recovery ✓
	Ensure portable heater units in 2404-WB are turned OFF.	N/A Recovery ✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	<i>[Signature]</i>	Date/Time: 5/18/11 23:35
Reviewed By: (sign)	<i>[Signature]</i>	Date/Time: 5/18/11 2340
Print: Derek Harris	LN Sutton	
Comments:		

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 5/19/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	① N/A	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.		✓

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Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/19/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
	2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 12, 100%, 21.0		
Performed By: (sign)	<i>[Signature]</i>	Print: Kelly O. Schmidt		Date/Time: 5-19-11/1030
Reviewed By: (sign)	<i>[Signature]</i>	Print: LN Sutter		Date/Time: 5/19/11 1600
Comments:	① unable to access. due to recovery plan actions.			

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/MC Area

Surveillance Date: 5/19/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	*
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	<i>[Signature]</i>	Date/Time: 05/19/11 1350
Reviewed By: (sign)	<i>[Signature]</i>	Date/Time: 05/19/11 0856
Comments:	Keys 3, 7, 8, 16, 7, 9, 10 are still check out	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Surveillance Date: Click here to enter a date. 5/20/11	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB <i>Not Occupied</i>		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.		
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.4.1-1 for boxes other than 8 ft)		
		Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.		

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**Facility Inspection**

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**Appendix D - Daily 2404-WBWC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	X	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	



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Appendix D - Daily 2404-WB/WC Area Inspection  
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Location	Surveillance Date: Click here to enter a date. 5/20/11	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
2406W (HERTR)		Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	X	
		General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	X	
MO-610		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 12   21   3/4		
Performed By: (sign)	<i>[Signature]</i>	Print: Byron Hender			Date/Time: 5/20/11 1320
Reviewed By: (sign)	<i>[Signature]</i>	Print: LN Sutton			Date/Time: 5/20/11 1505
Comments:	WB on Restricted Access				

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date: Click here to enter a date.	Activity	Completed
5/20/11	Inspect facility for general housekeeping. [TSR AC 5.7.1]	X
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	X
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	X
	Transient combustibles are removed. [TSR AC 5.7.1.c]	X
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	N/A
	Ensure portable heater units in 2404-WB are turned OFF.	N/A
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	X
	For MO-610 and MO-654: Personnel access doors are closed and locked.	X
	Ensure all floodlights are turned OFF.	X
	Gates are closed and locked.	X
	For 2406W: Roll down door is closed and locked.	X
Performed By: (sign)	Print: Bryan Ayala	Date/Time: 5/20/11 1430
Reviewed By: (sign)	Print: K.N. Sutton	Date/Time: 5/20/11 1505
Comments:		

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: Click here to enter a date.	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB * WEST SIDE	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	X	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	X	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	X	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
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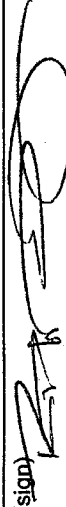

Surveillance Date: Click here to enter a date.	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	X	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	

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Appendix D - Daily 2404-WB/WC Area Inspection  
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Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	X	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	X	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>12 1/2 122</u>		
Performed By: (sign)		Print: RICHARD T. HARTMAN JR.	Date/Time: 5-22-11 1450	
Reviewed By: (sign)		Print: Tim Fulton	Date/Time: 5-22-11 1540	
Comments:	* 2404-WB / only inspected West End For House Keeping, Egress, Drum stacking, etc. Due to ENA END UPGRADDED TPE.			
	X WEST sump @ WB has liquid Tim Fulton / Tim Jk			

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date. 5-22-11	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	X
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	X
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	X
	Transient combustibles are removed. [TSR AC 5.7.1.c]	X
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	X
	Ensure portable heater units in 2404-WB are turned OFF.	X
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	X
	For MO-610 and MO-654: Personnel access doors are closed and locked.	X
	Ensure all floodlights are turned OFF.	X
	Gates are closed and locked.	X
	For 2406W: Roll down door is closed and locked.	X
Performed By: (sign)	 Richard T. Hartman	Date/Time: 5-22-11 1450
Reviewed By: (sign)	 Tom Fulton	Date/Time: 5/22/11 1521
Comments:	<p>2404-WB EXHAUST FANS OFF (New to) Tom J</p> <p>* Connors found Unlocked Tim Farron / Tom J</p> <p>* Generator needs to be picked up ↳ For wire done</p>	

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**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
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Surveillance Date: 5/23/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	Y	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	X	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	Y	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	Y	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
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Surveillance Date: 5/23/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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Appendix D - Daily 2404-WB/WC Area Inspection  
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Surveillance Date: 5/23/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)	<i>[Signature]</i>	Print: Russell Waterman	12.12.11/2		Date/Time: 05/23/11 1320
Reviewed By: (sign)	<i>[Signature]</i>	Print: LN Sutton			Date/Time: 5/23/11 1545
Comments:					

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 5/23/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: <i>Daniel Andrews</i>	Date/Time: 5-23-11 2345
Reviewed By: (sign)	Print: David W. Messenger	Date/Time: 5-24-11 0043
Comments:		

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Appendix D - Daily 2404-WB/MC Area Inspection  
(3 pages total)

Surveillance Date:	Item of Inspection	Expected Condition/Reading	Sat	Unsat
5/24/2011	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
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Surveillance Date: 5/24/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WBWC Area Inspection  
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Surveillance Date: 5/24/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)		Print: Russell Waltzman	12 120 1/2		Date/Time: 05/24/11 1350
Reviewed By: (sign)		Print: LN Sutton			Date/Time: 5/24/11 1550
Comments:					

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 5/24/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums -- nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	<i>[Signature]</i> Print: Daniel Andreas	5-24-11 2345
Reviewed By: (sign)	<i>[Signature]</i> Print: David W. Messinger	5-25-11 / 0053
Comments:		

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/25/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 5/25/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 5/25/2011		Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	J		
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	J		
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	J		
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	J		
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.			
Performed By: (sign) <i>[Signature]</i>		Print: <i>Russell Waltherman</i>	Date/Time: 05/25/11 10:15		
Reviewed By: (sign) <i>[Signature]</i>		Print: <i>LN Sutton</i>	Date/Time: 5/25/11 1550		
Comments:					

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 5/25/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
	Performed By: (sign) <i>[Signature]</i>	Date/Time: 5-25-11 (2230)
	Reviewed By: (sign) <i>[Signature]</i>	Date/Time: 5/25/11 2330
	Print: Daniel Anderson	
	Print: LN Sutton	
	Comments:	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/26/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 5/26/2011		Item of Inspection	Expected Condition/Reading	Sat	Unsat
Location					
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)



Surveillance Date: 5/26/2011		Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)	<i>Paul S. Barzani</i>	Print: Paul S. Barzani	12 12 20 Psig		Date/Time: 5/26/11 09:50
Reviewed By: (sign)	<i>LN Sutton</i>	Print: LN Sutton			Date/Time: 5/26/11 15:45
Comments:	Notified Dos of Dewar Level.				

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 5/26/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked?	✓
Performed By: (sign)		Date/Time: 5-27-11 0010
Reviewed By: (sign)		Date/Time: 5/27/11 0021
Comments:		

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 5/27/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 m); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Facility Inspection

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Appendix D - Daily 2404-WBWC Area Inspection  
(3 pages total)

Surveillance Date: 5/27/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/27/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>12, 20, 140</u>		
Performed By: (sign)	<i>[Signature]</i>	Print: <u>Russell Waltherman</u>	Date/Time: <u>05/27/11 1050</u>	
Reviewed By: (sign)	<i>[Signature]</i>	Print: <u>LN Sotter</u>	Date/Time: <u>5/27/11 1430</u>	
Comments:				

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date: 5/27/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums -- nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: <i>Russell Waitzman</i>	Date/Time: 05/27/11 8:48
Reviewed By: (sign)	Print: <i>LN Sutton</i>	Date/Time: 5/27/11 1430
Comments:		

Facility Inspection

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Effective Date: 02/23/11

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	Surveillance Date: Click here to enter a date. 5/31/11			
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 5/31/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 5/31/2011		Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>21 1/2 1 12</u>		
Performed By: (sign)	<i>[Signature]</i>	Print: <i>[Signature]</i>			Date/Time: 5/31/11 1105
Reviewed By: (sign)	<i>[Signature]</i>	Print: <i>[Signature]</i>			Date/Time: 5/31/11 1550
Comments:					

Published Date: 02/23/11

Effective Date: 02/23/11

**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date: 5/31/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	<i>Chester Butler</i> Print: CHESTER BUTLER	Date/Time: 5/31/11 / 2400
Reviewed By: (sign)	<i>Stacy B. Carter</i> Print: Stacy B Carter	Date/Time: 6/1/11 / 0034
Comments:		

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

**COPY**

Surveillance Date: 11/30/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 m); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 11/30/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date:	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
11/30/2010	MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 5 1/2 - 12/psi		
Performed By: (sign)		Print:	Daniel Anderson	Date/Time:	11-30-10 1050
Reviewed By: (sign)		Print:	James Szabo SAC/owner	Date/Time:	11-30-10 1033
Comments:					

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 11/30/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	NA
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	
	Transient combustibles are removed. [TSR AC 5.7.1.c]	
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	
	Ensure portable heater units in 2404-WB are turned OFF.	
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	
	For MO-610: Personnel access doors are closed and locked.	
	Ensure all floodlights are turned OFF.	
	Gates are closed and locked.	
	Performed By: (sign) NA	Date/Time: NA
	Reviewed By: (sign) J. S. [Signature]	Date/Time: 11-30-10 1240
	Print: J. S. [Signature]	
	Comments: N/A due to early release [Signature]	

Facility Inspection

Published Date: 11/08/10

Effective Date: 11/08/10

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 11/30/2010	End of Day Activity	Complete	Comments
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]		✓	N/A
Inspect facility for general housekeeping [TSR AC 5.7.1]		✓	
End of Shift Activity			
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *		✓	Day Shift
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)		✓	Swing Shift
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*		✓	
Ensure exterior facility doors are closed and locked (except for administrative area).		✓	
(Day Shift) Performed By: <i>[Signature]</i>	Print: Daniel Anderson	Date/Time: 11-30-10 1157	
(Day Shift) Reviewed By: <i>[Signature]</i>	Print: Jordan Seabo	Date/Time: 11-30-10 1230	
(Swing Shift) Performed By: (sign)	Print:	Date/Time:	
(Swing Shift) Reviewed By: (sign)	Print:	Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.  
 \* This inspection requirement is to be performed at the end of each shift when worked.

*No Swing Shift - Cancelled Due to weather*  
*JSL*

Published Date: 11/08/10

Effective Date: 11/08/10

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date:	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
11/29/2010	2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)



Surveillance Date:	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
11/29/2010	2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date:	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
11/29/2010	MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <i>5 1/2 22psi</i>		
Performed By: (sign)		Print: <i>Daniel Andrews</i>		Date/Time: <i>11-29-10 12:55</i>	
Reviewed By: (sign)		Print: <i>Steven B Conner</i>		Date/Time: <i>11/29/10 1605</i>	
Comments:					

Published Date: 11/08/10

Effective Date: 11/08/10

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: <del>Click here to enter a date</del> 11/29/10	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By: (sign) <i>[Signature]</i>	Print: <i>Derrick Horne</i>	Date/Time: 00:00 11/29/10
Reviewed By: (sign) <i>[Signature]</i>	Print: <i>LN Sutton</i>	Date/Time: 0005 11/30/10
Comments:		

Facility Inspection

Effective Date: 11/08/10

Published Date: 11/08/10

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 11/29/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>		
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	Swing Shift ✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
	(Day Shift) Performed By: (sign) <i>[Signature]</i> Print: Daniel Andrews Date/Time: 11-29-10 1600		
	(Day Shift) Reviewed By: (sign) <i>[Signature]</i> Print: Steven B. Carter Date/Time: 11/29/10 1606		
	(Swing Shift) Performed By: (sign) <i>[Signature]</i> Print: Derrick Harris Date/Time: 00:01 11/29/10		
	(Swing Shift) Reviewed By: (sign) <i>[Signature]</i> Print: WJ Sutton Date/Time: 0005 11/30/10		

\* Any transient combustibles found must be removed within 8 hours of identification.  
 \* This inspection requirement is to be performed at the end of each shift when worked.



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**NOVEMBER 25 AND 26, 2010**

**FACILITY CLOSURE DAYS**

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date: 11/24/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	n/a	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Effective Date: 11/08/10

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 11/24/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	n/a	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

Published Date: 11/08/10

Effective Date: 11/08/10

Appendix D - Daily 2404-WB/MC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 81 $\frac{1}{2}$ 21 27		
Performed By: (sign) <i>Lucas Burns</i>	Print: Lucas Burns		Date/Time: 11-24-10 0900	
Reviewed By: (sign) <i>MJ</i>	Print: LN Sifton		Date/Time: 11/24/10 1500	
Comments:				

**WRP1-SV-1603**  
**Facility Inspection**

Published Date: 11/08/10

Effective Date: 11/08/10

**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date: 11/24/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	Performed By: (sign) <i>James Burns</i>	Date/Time: 11-24-10 1520
	Reviewed By: (sign) <i>MJ</i>	Date/Time: 11/24/10 1510
	Print: <i>James Burns</i>	
	Print: <i>LN Sutton</i>	
	Comments:	

**Published Date: 11/08/10**

**Effective Date: 11/08/10**

**Appendix F - End of Work Shift/Day Activities**

Surveillance Date: 11/24/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>	<b>Day Shift</b>	<b>Swing Shift</b>
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	
	(Day Shift) Performed By: (sign) <i>Lucas Burns</i>	Date/Time: 11-24-10	1508
	(Day Shift) Reviewed By: (sign) <i>LN Sotter</i>	Date/Time: 11/24/10	1510
	(Swing Shift) Performed By: (sign)	Date/Time:	
	(Swing Shift) Reviewed By: (sign)	Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Published Date: 11/08/10

Effective Date: 11/08/10

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

**COPY**

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

**WRP1-SV-1603**  
**Facility Inspection**

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Effective Date: 11/08/10

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d] Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
MO-444	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. #8 1/4 27.0		
Performed By: (sign)	<i>[Signature]</i>	Print: L R CAMPMAN	Date/Time: 11-23-10	
Reviewed By: (sign)	<i>[Signature]</i>	Print: L N Sutton	Date/Time: 11/23/10 1845	
Comments:				

Facility Inspection

Published Date: 11/08/10

Effective Date: 11/08/10

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date. 11-23-10	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums -- nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	Performed By: (sign) <i>Brion Goodsil</i> Print: BRION GOODSIL Date/Time: 11-23-10 2314	
	Reviewed By: (sign) <i>David W. Messenger</i> Print: David W. Messenger Date/Time: 11-28-10 0002	
	Comments: <i>DWY 11-24-10</i>	

Facility Inspection

Published Date: 11/08/10

Effective Date: 11/08/10

Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date. 11-23-10	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)	<i>LR LAMPAN</i> Print: LR LAMPAN	Date/Time: 11-23-10	1540
(Day Shift) Reviewed By: (sign)	<i>LN Sutton</i> Print: LN Sutton	Date/Time: 11/23/10	1550
(Swing Shift) Performed By: (sign)	<i>Brian Goodil</i> Print: Brian Goodil	Date/Time: 11-23-10	2314
(Swing Shift) Reviewed By: (sign)	<i>David W. Messinger</i> Print: David W. Messinger	Date/Time: 11-24-10	0003

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

**COPY**

Location	Surveillance Date: Click here to enter a date.	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	11/22/10	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

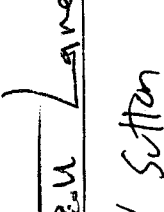
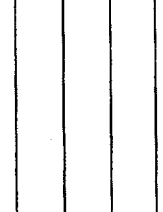
Location	Surveillance Date: Click here to enter a date.	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	11/22/10	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums -- nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: <a href="#">Click here to enter a date.</a>	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>6.17.21.27</u>	<input type="checkbox"/>	<input type="checkbox"/>
Performed By: (sign)		Print: <u>SM Lane</u>	Date/Time: <u>11/22/10 14:45</u>	
Reviewed By: (sign)		Print: <u>LN Sutton</u>	Date/Time: <u>11/22/10 15:05</u>	
Comments:				

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

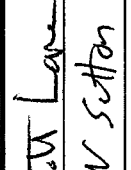
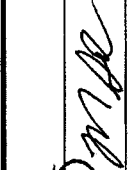
Surveillance Date: Click here to enter a date.	Activity	Completed
11/27/10	Inspect facility for general housekeeping. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	<input checked="" type="checkbox"/>
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	<input checked="" type="checkbox"/>
	Transient combustibles are removed. [TSR AC 5.7.1.c]	<input checked="" type="checkbox"/>
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	<input checked="" type="checkbox"/>
	Ensure portable heater units in 2404-WB are turned OFF.	<input checked="" type="checkbox"/>
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	<input checked="" type="checkbox"/>
	For MO-610: Personnel access doors are closed and locked.	<input checked="" type="checkbox"/>
	Ensure all floodlights are turned OFF.	<input checked="" type="checkbox"/>
	Gates are closed and locked.	<input checked="" type="checkbox"/>
Performed By: (sign)	Print: <i>[Signature]</i>	Date/Time: 11/22/10 1524
Reviewed By: (sign)	Print: <i>LN Sefton</i>	Date/Time: 11/22/10 1520
Comments:		

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**Appendix F - End of Work Shift/Day Activities**

Surveillance Date: Click here to enter a date. <u>11/22/10</u>		Complete	Comments
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]		✓	
Inspect facility for general housekeeping [TSR AC 5.7.1]		✓	
End of Day Activity		Day Shift	Swing Shift
End of Shift Activity		✓	
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *		✓	
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)		✓	
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*		✓	
Ensure exterior facility doors are closed and locked (except for administrative area).		✓	
(Day Shift) Performed By: (sign) 	Print: <u>S.W. Lane</u>	Date/Time: <u>11/22/10 1445</u>	
(Day Shift) Reviewed By: (sign) 	Print: <u>L.N. Sutton</u>	Date/Time: <u>11/22/10 1520</u>	
(Swing Shift) Performed By: (sign)	Print:	Date/Time:	
(Swing Shift) Reviewed By: (sign)	Print:	Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.



Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

**COPY**

*Not Occupied 11-21-10*

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.		

*Not Occupied 11-21-10 Ray Fritsch*

Facility Inspection

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Effective Date: 11/08/10

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.		
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		

NOT OCCUPIED 11-21-10  
Ray J. Jettik

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Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)



Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)	<i>Raymond Butch</i>	Print: <i>Raymond Fietek</i>	Date/Time: 11-21-10 113	
Reviewed By: (sign)	<i>David W. Messinger</i>	Print: <i>DAVID MESSINGER</i>	Date/Time: 11-21-10 1614	
Comments:	<i>Not Occupied 11-21-10</i>			

Facility Inspection

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Effective Date: 11/08/10

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: <a href="#">Click here to enter a date.</a>	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	
	Transient combustibles are removed. [TSR AC 5.7.1.c]	
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	
	Ensure portable heater units in 2404-WB are turned OFF.	
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	
	For MO-610: Personnel access doors are closed and locked. /	
	Ensure all floodlights are turned OFF.	
	Gates are closed and locked.	
Performed By: (sign) 	Print: Tim Freshwaters	Date/Time: 11-21-10 2200
Reviewed By: (sign) 	Print: David W MESSINGER	Date/Time: 11-21-10 2339
Comments:		

NOT OCCUPIED 11-21-10  
Jim Zorbova

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
11-21-10	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	<input checked="" type="checkbox"/>	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	<input checked="" type="checkbox"/>	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	<input checked="" type="checkbox"/>	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	<input checked="" type="checkbox"/>	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	<input checked="" type="checkbox"/>	
	Ensure exterior facility doors are closed and locked (except for administrative area).	<input checked="" type="checkbox"/>	
	(Day Shift) Performed By: (sign) <i>Raymond Fietek</i>	Date/Time: 11-21-2010	1405
	(Day Shift) Reviewed By: (sign) <i>David W Messinger</i>	Date/Time: 11-21-10	1616
	(Swing Shift) Performed By: (sign) <i>Tim Breshears</i>	Date/Time: 11-21-10	2300
	(Swing Shift) Reviewed By: (sign) <i>David W Messinger</i>	Date/Time: 11-21-10	2340

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Effective Date: 11/08/10

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

**COPY**

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	X	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	X	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	X	

**WRP1-SV-1603**  
**Facility Inspection**

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Effective Date: 11/08/10

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Surveillance Date: Click here to enter a date. 11/19/10	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	X	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	

Facility Inspection

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Effective Date: 11/08/10

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages, total)

Surveillance Date: Click here to enter a date. 11/19/10	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 8   + 1/2   28		
Performed By: (sign) <i>Joe Ok</i>	Print: <i>Derek Olsen</i>		Date/Time: 11/19/10 14:45	
Reviewed By: (sign) <i>Steven B Conner</i>	Print: <i>Steven B Conner</i>		Date/Time: 11/19/10 15:13	
Comments:				



# WRP1-SV-1603

## Facility Inspection

Published Date: 11/08/10

Effective Date: 11/08/10

### Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date. 11/19/10	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	X
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	X
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	X
	Transient combustibles are removed. [TSR AC 5.7.1.c]	X
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	X
	Ensure portable heater units in 2404-WB are turned OFF.	X
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	X
	For MO-610: Personnel access doors are closed and locked.	X
	Ensure all floodlights are turned OFF.	X
	Gates are closed and locked.	X
Performed By: (sign)	<i>[Signature]</i>	Date/Time: 11/19/10 19:45
Reviewed By: (sign)	<i>[Signature]</i>	Date/Time: 11/19/10 15:14
Comments:		

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date. 11/14/10	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	X	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	X	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	X	N/A
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	X	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	X	
	Ensure exterior facility doors are closed and locked (except for administrative area).	X	
	(Day Shift) Performed By: (sign) <i>Derek Olsen</i>	Date/Time: 11/14/10	14:45
	(Day Shift) Reviewed By: (sign) <i>Steven B. Cantor</i>	Date/Time: 11/14/10	15:14
	(Swing Shift) Performed By: (sign) NA	Date/Time:	
	(Swing Shift) Reviewed By: (sign) NA	Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date: 11/18/2010	Location	Item of inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 11/18/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 11/18/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Record dewar number, level, and pressure.	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.  Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <i>to 22.8</i>	<input checked="" type="checkbox"/>	
Performed By: (sign)	<i>Smith</i>	Print: <i>Jeff Reader</i>	Date/Time: <i>11/18/10 1600</i>		
Reviewed By: (sign)	<i>JMA</i>	Print: <i>LN Sutton</i>	Date/Time: <i>11/18/10 1600</i>		
Comments:					

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Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WBWC Area

Surveillance Date: 11/18/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	<input checked="" type="checkbox"/>
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	<input checked="" type="checkbox"/>
	Transient combustibles are removed. [TSR AC 5.7.1.c]	<input checked="" type="checkbox"/>
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	<input checked="" type="checkbox"/>
	Ensure portable heater units in 2404-WB are turned OFF.	<input checked="" type="checkbox"/>
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	<input checked="" type="checkbox"/>
	For MO-610: Personnel access doors are closed and locked.	<input checked="" type="checkbox"/>
	Ensure all floodlights are turned OFF.	<input checked="" type="checkbox"/>
	Gates are closed and locked.	<input checked="" type="checkbox"/>
Performed By: (sign)	Print: <i>David W. Messinger</i> HARRIS	Date/Time: 11/18/10
Reviewed By: (sign)	Print: David W. Messinger	Date/Time: 11-18-10
Comments:		

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Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 11/18/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	<input checked="" type="checkbox"/>	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	<input checked="" type="checkbox"/>	
	<b>End of Shift Activity</b>		
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	<input checked="" type="checkbox"/>	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	<input checked="" type="checkbox"/>	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	<input checked="" type="checkbox"/>	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	<input checked="" type="checkbox"/>	✓
(Day Shift) Performed By: (sign)	<i>Jeff Reader</i>	Date/Time: 11/18/10 1555	
(Day Shift) Reviewed By: (sign)	<i>LN Sutton</i>	Date/Time: 11/18/10 1600	
(Swing Shift) Performed By: (sign)	<i>Derrick Harris</i>	Date/Time: 11/18/10 23:53	
(Swing Shift) Reviewed By: (sign)	<i>David W. Messinger</i>	Date/Time: 11-18-10 0028	

\* Any transient combustibles found must be removed within 1 hour of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

**COPY**

Surveillance Date: Click here to enter a date.		11-17-10		
Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	



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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)



Surveillance Date: Click here to enter a date.		11-17-10			
Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat	
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	MO-444				
	MO-446				

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: Click here to enter a date.		11-17-10	
Location	Item of Inspection	Expected Condition/Reading	Sat Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>8 12 1/2 28</u>	
Performed By: (sign)		Print: Matt Corcoran	Date/Time: 11-17-10 1400
Reviewed By: (sign)		Print: LN Sutton	Date/Time: 11/17/10 1550
Comments:			

# WRP1-SV-1603 Facility Inspection

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## Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date.	Activity	11-17-10 Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums -- nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By: (sign)	Print: <b>MATT BLOHM</b>	Date/Time: 11-17-10 2315
Reviewed By: (sign)	Print: <b>David W. Messenger</b>	Date/Time: 11-17-10 2358
Comments:		




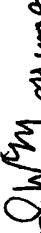
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Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>	<b>Day Shift</b>	<b>Swing Shift</b>
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7) <b>Key 1308 is accounted for NOT PRESENT</b>	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)	 Print: <b>MATT CORCORAN</b>	Date/Time: 11-17-10	1545
(Day Shift) Reviewed By: (sign)	 Print: <b>LN Sutton</b>	Date/Time: 11/17/10	1556
(Swing Shift) Performed By: (sign)	 Print: <b>MATT BEETH</b>	Date/Time: 11-17-10	2352
(Swing Shift) Reviewed By: (sign)	 Print: <b>David W. Messenger</b>	Date/Time: 11-17-10	2401

\* Any transient combustibles found must be removed within 8 hours of identification.  
 \* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 11/16/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 11/16/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	N/A
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	Performed By: (sign) <i>[Signature]</i>	Date/Time: 11/17/10 00:15
	Reviewed By: (sign) <i>[Signature]</i>	Date/Time: 11/17/10 00:30
	Comments:	

Facility Inspection

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Effective Date: 11/08/10

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 11/16/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>		
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	Swing Shift ✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)	Print: <i>Sam Hobbs</i>	Date/Time: 11/16/10	15:50
(Day Shift) Reviewed By: (sign)	Print: David W. Messinger	Date/Time: 11-16-10	15:59
(Swing Shift) Performed By: (sign)	Print: <i>Derrick Harris</i>	Date/Time: 11/17/10	00:15
(Swing Shift) Reviewed By: (sign)	Print: <i>Steven B. Conner</i>	Date/Time: 11/17/10	00:30

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.



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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: Click here to enter a date.		Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	Location				
	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums -- nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	N/A	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**Appendix D - Daily 2404-WBWC Area Inspection**  
 (3 pages total)

**COPY**

Surveillance Date: Click here to enter a date.		Item of Inspection	Expected Condition/Reading	Sat	Unsat
Location					
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 8   > 2, 27		
Performed By: (sign)	<i>Brian Cahill</i>	Print: <i>BRIAN COOSIL</i>	Date/Time:	<i>11/15/10 15:40</i>
Reviewed By: (sign)	<i>JM Jor</i>	Print: <i>LN Sutton</i>	Date/Time:	<i>11/15/10 15:55</i>
Comments:				

**WRP1-SV-1603**  
**Facility Inspection**

**Published Date:** 11/08/10

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**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date: <a href="#">Click here to enter a date.</a>	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	Performed By: (sign) <i>Lucas Burns</i>	Date/Time: 11-15-10 23:45
	Reviewed By: (sign) <i>Tim Burton</i>	Date/Time: 11/15/10 23:55
	Comments:	

Facility Inspection

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Effective Date: 11/08/10

Appendix F - End of Work Shift/Day Activities

Surveillance Date: <a href="#">Click here to enter a date.</a>	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>	<b>Day Shift</b>	<b>Swing Shift</b>
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).		
(Day Shift) Performed By: (sign) <i>Brion Coosil</i>	Print: <i>BRION COOSIL</i>	Swing Shift →	✓
(Day Shift) Reviewed By: (sign) <i>MJA</i>	Print: <i>LN Sutton</i>	Date/Time: 11-15-10	00-11-15-10 134 1503
(Swing Shift) Performed By: (sign) <i>Lucas Burns</i>	Print: <i>LUCAS BURNS</i>	Date/Time: 11/15/10	1555
(Swing Shift) Reviewed By: (sign) <i>Tim Fulton</i>	Print: <i>TIM FULTON</i>	Date/Time: 11/15/10	23:45
		Date/Time: 11/15/10	23:56

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Effective Date: 11/08/10

Appendix D - Daily 2404-WBWC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date: 11/12/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 11/12/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
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Surveillance Date:	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
11/12/2010	MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 8 134.27		
Performed By: (sign)	<i>Matt Blehm</i>	Print:	Matt Blehm	Date/Time:	11-12-10 1050
Reviewed By: (sign)	<i>MJ</i>	Print:	LN Sutton	Date/Time:	11/12/10 1500
Comments:					



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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 11/12/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	Performed By: (sign) <i>Matt Behm</i> Print: <i>MATT BEHM</i> Date/Time: <i>11-12-10 1455</i>	
	Reviewed By: (sign) <i>MJ</i> Print: <i>LN Sutton</i> Date/Time: <i>11/12/10 1500</i>	
	Comments:	

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 11/12/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>	<b>Day Shift</b>	<b>Swing Shift</b>
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	
	(Day Shift) Performed By: (sign) <i>Matt Blehm</i>	Date/Time: 11-12-10 1500	
	(Day Shift) Reviewed By: (sign) <i>Matt Blehm</i>	Date/Time: 11/12/10 1500	
	(Swing Shift) Performed By: (sign) <i>LN Sutton</i>	Date/Time:	
	(Swing Shift) Reviewed By: (sign)	Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date: 11/11/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums -- nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 11/11/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
MO-444		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 11/11/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Record dewar number, level, and pressure.	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear. Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.	✓	
Performed By: (sign)	<i>[Signature]</i>	Print: PAZ BARRAZA	8 17'12" 87/51		Date/Time: 11/11/10 13:50
Reviewed By: (sign)	<i>[Signature]</i>	Print: LN Sutton			Date/Time: 11/11/10 1610
Comments:					



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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 11/11/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)	<i>[Signature]</i>	Date/Time: 11/11/10 1610	
(Day Shift) Reviewed By: (sign)	<i>[Signature]</i>	Date/Time: 11/11/10 1615	
(Swing Shift) Performed By: (sign)	<i>[Signature]</i>	Date/Time: 11/12/10 1238	
(Swing Shift) Reviewed By: (sign)	<i>[Signature]</i>	Date/Time: 11/12/10 0038	

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date:	Location	Item of Inspection	Expected Conditions/Reading	Sat	Unsat
11/10/2010	2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	



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Appendix D - Daily 2404-WB/WC Area Inspection  
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Surveillance Date: 11/10/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings: [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
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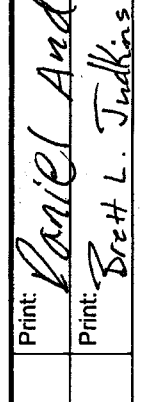
Surveillance Date: 11/10/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 11 1 1/2 1 220psi		
Performed By: (sign)	<i>[Signature]</i>	Print: RAZ BARRAZA		Date/Time: 11/10/10 1415	
Reviewed By: (sign)	<i>[Signature]</i>	Print: LN Sittan		Date/Time: 11/10/10 1600	
Comments:	Notified dos on dewar level				

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Appendix E - End of Work Day Activities for 2404-WBWC Area

Surveillance Date: 11/10/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By: (sign)		Date/Time: 10-11-10 2355
Reviewed By: (sign)		Date/Time: 11/11/10 0020
Print: Daniel Andrews		
Print: Brett L. Jenkins		
Comments:		

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 11/10/2010	End of Day Activity	Complete	Comments
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]		✓	
Inspect facility for general housekeeping [TSR AC 5.7.1]		✓	
<b>End of Shift Activity</b>			
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *		✓	✓
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)		✓	✓
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *		✓	✓
Ensure exterior facility doors are closed and locked (except for administrative area).		✓	✓
(Day Shift) Performed By: (sign) <i>[Signature]</i>	Print: <i>Ric BARRAZA</i>	Date/Time: 11/10/10 1600	
(Day Shift) Reviewed By: (sign) <i>[Signature]</i>	Print: <i>LN Sutton</i>	Date/Time: 11/10/10 1600	
(Swing Shift) Performed By: (sign) <i>[Signature]</i>	Print: <i>Robert Andrews</i>	Date/Time: 11-10-10 0020	
(Swing Shift) Reviewed By: (sign) <i>[Signature]</i>	Print: <i>Paul L. Jenkins</i>	Date/Time: 11/11/10 0021	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

**COPY**

Surveillance Date: Click here to enter a date.		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
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Surveillance Date: Click here to enter a date.		Item of Inspection	Expected Condition/Reading	Sat	Unsat
Location					
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	MO-444				
	MO-446				

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Appendix D - Daily 2404-WB/WC Area Inspection  
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Surveillance Date: Click here to enter a date.		Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	Location	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 11   2/2   22PS		
Performed By: (sign)			Print: PAZ JARRAZA	Date/Time: 11/9/10 13:22	
Reviewed By: (sign)			Print: LN Sutton	Date/Time: 11/9/10 15:15	
Comments:	Notified Dos about low dewar level				

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date.	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By: (sign)	<i>[Signature]</i> Print: <i>RAZ BARRAZA / BRION COPPS</i>	Date/Time: 11/9/10 1530
Reviewed By: (sign)	<i>[Signature]</i> Print: <i>LN Sutton</i>	Date/Time: 11/10/10 0035
Comments:		



Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: <a href="#">Click here to enter a date.</a>	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign) <i>Ken B...</i>	Print: <i>PAZ BARK#24</i>	Date/Time: 11/9/10 1545	
(Day Shift) Reviewed By: (sign) <i>M DA</i>	Print: <i>LN Sutton</i>	Date/Time: 11/9/10 1545	
(Swing Shift) Performed By: (sign) <i>Brian Goyzik</i>	Print: <i>BRIAN GOYSIK</i>	Date/Time: 11/10/10 1235 am	
(Swing Shift) Reviewed By: (sign) <i>M DA</i>	Print: <i>LN Sutton</i>	Date/Time: 11/10/10 0035	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date: 11/8/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 11/8/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/MC Area Inspection  
(3 pages total)



Surveillance Date:	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
11/8/2010	MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>11 1/2, 21</u>		
Performed By: (sign)	<i>Matt Blehm</i>	Print: <u>MATT BLEHM</u>		Date/Time: <u>11-8-10 1415</u>	
Reviewed By: (sign)	<i>MAA</i>	Print: <u>LN Sutton</u>		Date/Time: <u>11/8/10 1540</u>	
Comments:					

Facility Inspection

Published Date: 11/08/10

Effective Date: 11/08/10

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 11/8/2010	Activity	Completed
Inspect facility for general housekeeping. [TSR AC 5.7.1]		✓
Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]		✓
Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		✓
Transient combustibles are removed. [TSR AC 5.7.1.c]		✓
For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.		N/A
Ensure portable heater units in 2404-WB are turned OFF.		✓
Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.		✓
For MO-610: Personnel access doors are closed and locked.		✓
Ensure all floodlights are turned OFF.		✓
Gates are closed and locked.		✓
Performed By: (sign) 	Print: Daniel Anderson	Date/Time: 11-8-10 0010
Reviewed By: (sign) 	Print: Steven B Conner	Date/Time: 11/9/10 0045
Comments:		

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Effective Date: 11/08/10

**Appendix F - End of Work Shift/Day Activities**

Surveillance Date: 11/8/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>		
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	Day Shift
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	Swing Shift
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	
(Day Shift) Performed By: (sign) <i>Matt Behm</i>	Print: <i>MAT BEHM</i>	Date/Time: 11-8-10 1530	
(Day Shift) Reviewed By: (sign) <i>LN Sutton</i>	Print: <i>LN Sutton</i>	Date/Time: 11/8/10 1540	
(Swing Shift) Performed By: (sign) <i>[Signature]</i>	Print: <i>Daniel Andrews</i>	Date/Time: 11/9/10 0020	
(Swing Shift) Reviewed By: (sign) <i>[Signature]</i>	Print: <i>Steven B. Chesser</i>	Date/Time: 11/9/10 0045	

\* Any transient combustibles found must be removed within 8 hours of identification.  
 \* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date: <a href="#">Click here to enter a date:</a> 11/05/10	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	X	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	X	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: <a href="#">Click here to enter a date.</a> 11/05/10	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	X	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	
MO-444		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	





# WRP1-SV-1603 Facility Inspection

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## Appendix D - Daily 2404-WB/WC Area Inspection (Continued) (3 pages total)

Surveillance Date: Click here to enter a date: 11/05/10

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>11 1/2   21</u>		
Performed By:	Sign: 	Print: Kyle Leach	Date/Time: 11/5 1900	
Reviewed By:	Sign: 	Print: Steven B Conner	Date/Time: 11/05/10 1527	
Comments:	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>			


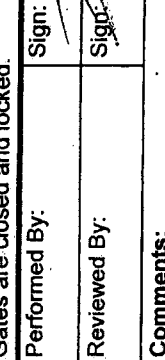
# WRP1-SV-1603

## Facility Inspection

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### Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: <a href="#">Click here to enter a date.</a> 11/05/10	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	X
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	X
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	X
	Transient combustibles are removed. [TSR AC 5.7.1]	X
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	X
	Ensure portable heater units in 2404-WB are turned OFF.	X
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	X
	For MO-610: Personnel access doors are closed and locked.	X
	Ensure all floodlights are turned OFF.	X
	Gates are closed and locked.	X
Performed By:	Sign: 	Date/Time: 11/5/10 1450
Reviewed By:	Sign: 	Date/Time: 11/22/10 0805
Comments:		

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**Effective Date: 6/8/2010**

**Appendix F - End of Work Shift/Day Activities**

Surveillance Date: <small>Click here to enter a date.</small> 11/05/10	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	X	N/A
	Inspect facility for general housekeeping [TSR AC 5.7.1]	X	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	X	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	X	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	X	
	Ensure exterior facility doors are closed and locked (except for administrative area).	X	
(Day Shift) Performed By:	Sign: 	Date/Time: 1500	11/5
(Day Shift) Reviewed By:	Sign: 	Date/Time: 1529	11/05/10
(Swing Shift) Performed By:	Sign:	Date/Time:	
(Swing Shift) Reviewed By:	Sign:	Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
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**COPY**

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	X	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	X	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)



Surveillance Date:	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
Click here to enter a date.	2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WBWC Area Inspection (Continued)  
(3 pages total)



Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 11 15 1/2 22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Performed By:	Sign: 	Print: Mike Leach	Date/Time: 11/9/10 11:00	
Reviewed By:	Sign: 	Print: LN Sutton	Date/Time: 6/14/10 15:15	
Comments:	<p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>			

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area





Surveillance Date: <small>Click here to enter a date.</small>	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign:  Print: Derrick Harris	Date/Time: 11-4-10 0030
Reviewed By:	Sign:  Print: Brett L. Jenkins	Date/Time: 11/05/10 0030
Comments:		

Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: <a href="#">Click here to enter a date.</a>		Complete	Comments
<b>End of Day Activity</b>			
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]		X	
Inspect facility for general housekeeping [TSR AC 5.7.1]		X	
<b>End of Shift Activity</b>			
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *		X	
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)		X	
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*		X	
Ensure exterior facility doors are closed and locked (except for administrative area). (Day Shift) Performed By: 	Print: <i>Scott King</i>	X	
(Day Shift) Reviewed By: 	Print: <i>LN Sutton</i>		Date/Time: 11/4/10 1535
(Swing Shift) Performed By: 	Print: <i>Derrick Harris</i>		Date/Time: 11/4/10 00:37
(Swing Shift) Reviewed By: 	Print: <i>Brett L. Jenkins</i>		Date/Time: 11/05/10 0037

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.



**Published Date: 6/8/2010**

**Effective Date: 6/8/2010**

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

**COPY**

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	2	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	2	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	2	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	2	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	2	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	2	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	2	

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**Appendix D - Daily 2404-WBWC Area Inspection (Continued)**  
 (3 pages total)

Surveillance Date: <a href="#">Click here to enter a date.</a>	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	e	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	e	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	e	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	e	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	e	
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	e	
MO-444		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	



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Effective Date: 6/8/2010

**Appendix E - End of Work Day Activities for 2404-WB/WC Area**



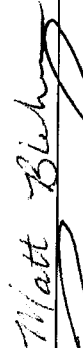

Surveillance Date: <small>Click here to enter a date.</small>	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign: <i>Matt Blehm</i> Print: <i>MATT BLEHM</i> Date/Time: 11-3-10 1350	
Reviewed By:	Sign: <i>Beth L. Judkins</i> Print: <i>Beth L. Judkins</i> Date/Time: 11/04/10 0034	
Comments:		

Facility Inspection

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Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: <a href="#">Click here to enter a date.</a>		Complete	Comments
<b>End of Day Activity</b>			
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]		<input checked="" type="checkbox"/>	
Inspect facility for general housekeeping [TSR AC 5.7.1]		<input checked="" type="checkbox"/>	
<b>End of Shift Activity</b>			
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *		<input checked="" type="checkbox"/>	
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS. * All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)		<input checked="" type="checkbox"/>	
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *		<input checked="" type="checkbox"/>	
Ensure exterior facility doors are closed and locked (except for administrative area).		<input checked="" type="checkbox"/>	
(Day Shift) Performed By:	Sign: 	Date/Time: 11/3/10	1550
(Day Shift) Reviewed By:	Sign: 	Date/Time: 11/3/10	1550
(Swing Shift) Performed By:	Sign: 	Date/Time: 11/4/10	2430
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 11/24/10	0034

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

**COPY**

Surveillance Date: 11/2/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	N/A	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Appendix D - Daily 2404-WBWC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	N/A	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.		
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date:	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
11/2/2010	MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 11   > 1/2   22 psig		
Performed By:	<i>Ben Gabel</i>	Sign:	Print: <i>ARION COOSIL</i>	Date/Time:	<i>11/2/10 1413</i>
Reviewed By:	<i>Stohlat</i>	Sign:	Print: <i>STEVEN B. CARTER</i>	Date/Time:	<i>11/2/10 1610</i>
Comments:	<i>2404 WB &amp; 2404 WC WERE INACCESSIBLE DUE TO POWER OUTAGE. gpk</i>				

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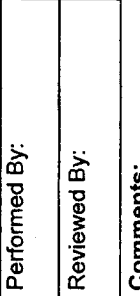


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Published Date: 6/8/2010

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Appendix E - End of Work Day Activities for 2404-WBWC Area

Surveillance Date: 11/2/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	11/02/10 ✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	11/02/10 ✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	NA - SEE NOTES GC-11
	Transient combustibles are removed. [TSR AC 5.7.1]	11/2/10 ✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign: 	Date/Time: 11-2-10 2359
Reviewed By:	Sign: 	Date/Time: 11/03/10 0040
Comments:		

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date:	End of Day Activity	Complete	Comments
11/2/2010	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>		
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
By: [Signature] 11/02/10	Sign: [Signature]	Date/Time: 11-2-10	2357
(Day Shift) Performed By:	Print: Derrick Harris	Date/Time: 11/02/10	1654
(Day Shift) Reviewed By:	Sign: [Signature]	Date/Time: 11/03/10	0928
(Swing Shift) Performed By:	Print: BRION GOOSIK	Date/Time: 11/03/10	0840
(Swing Shift) Reviewed By:	Sign: [Signature]		

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Effective Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

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Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	N/A	

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Effective Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	N/A	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: <small>Click here to enter a date.</small> 11/1/10	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign: <i>Matt Blehm</i> Print: MATT BLEHM	Date/Time: 11-1-10 2350
Reviewed By:	Sign: <i>Boch Jenkins</i> Print: Boch Jenkins	Date/Time: 11/02/10 0025
Comments:		

Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
11/17/10	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2] Inspect facility for general housekeeping [TSR AC 5.7.1]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Ensure exterior facility doors are closed and locked (except for administrative area).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(Day Shift) Performed By:	Sign: <i>[Signature]</i>	Date/Time: 11/17/10	1615
(Day Shift) Reviewed By:	Sign: <i>[Signature]</i>	Date/Time: 11/17/10	1615
(Swing Shift) Performed By:	Sign: <i>[Signature]</i>	Date/Time: 11-1-10	2350
(Swing Shift) Reviewed By:	Sign: <i>[Signature]</i>	Date/Time: 11/02/10	0025

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

**COPY**

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	



Facility Inspection

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Effective Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 10/29/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsatisf
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
MO-444		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	





**WRP1-SV-1603**  
**Facility Inspection**

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Effective Date: 6/8/2010

**Appendix F - End of Work Shift/Day Activities**

Surveillance Date: 10/29/2010		Complete	Comments
End of Day Activity			
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]		✓	
Inspect facility for general housekeeping [TSR AC 5.7.1]		✓	
End of Shift Activity			
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *		✓	
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)		✓	
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*		✓	
Ensure exterior facility doors are closed and locked (except for administrative area).		✓	
(Day Shift) Performed By:	Sign: <i>Matt Blake</i>	Date/Time: 10-29-10 1435	Print: <i>Matt Blake</i>
(Day Shift) Reviewed By:	Sign: <i>WN Sutton</i>	Date/Time: 11/29/10 1445	Print: <i>WN Sutton</i>
(Swing Shift) Performed By:	Sign:	Date/Time:	Print:
(Swing Shift) Reviewed By:	Sign:	Date/Time:	Print:

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Effective Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date: 10/28/2010	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	





Facility Inspection

Published Date: 6/8/2010

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 10/28/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign:  Print: BRION GOOSIL	Date/Time: 10/29/10 1231
Reviewed By:	Sign:  Print: Beth L. Jenkins	Date/Time: 10/29/10 0845
Comments:		



Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 10/28/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>		
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	Day Shift Swing Shift
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: <i>Matt Blehm</i>	Date/Time: 10-28-10	
(Day Shift) Reviewed By:	Sign: <i>David W. Messinger</i>	Print: David W. Messinger	Date/Time: 10-28-10 1541
(Swing Shift) Performed By:	Sign: <i>Brian Coopsik</i>	Print: Brian Coopsik	Date/Time: 10/27/10 1231
(Swing Shift) Reviewed By:	Sign: <i>Brett L. Jenkins</i>	Print: Brett L. Jenkins	Date/Time: 10/28/10 0045

\* Any transient combustibles found must be removed within 8 hours of identification.  
 \* This inspection requirement is to be performed at the end of each shift when worked.

Published Date: 6/8/2010

Effective Date: 6/8/2010

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

**COPY**

Surveillance Date: 10/27/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Effective Date: 6/8/2010

Appendix D - Daily 2404-WBWC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
MO-444	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	





Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 10/27/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: <i>Matt Beethm</i>	Date/Time: 10-27-10 1554	Print: <i>Matt Beethm</i>
(Day Shift) Reviewed By:	Sign: <i>David W. Messenger</i>	Date/Time: 10-27-10 1602	Print: <i>David W. Messenger</i>
(Swing Shift) Performed By:	Sign: <i>Brian Crossick</i>	Date/Time: 10/27/10 2354	Print: <i>Brian Crossick</i>
(Swing Shift) Reviewed By:	Sign: <i>Beth L. Jenkins</i>	Date/Time: 10/28/10 2042	Print: <i>Beth L. Jenkins</i>

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Effective Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date: 10/26/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Effective Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	







Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date:	End of Day Activity	Complete	Comments
10/26/2010	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	<b>End of Shift Activity</b>		
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	Swing Shift ✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.*	✓	✓
	All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
	(Day Shift) Performed By: <i>Matt Blehm</i> Sign: <i>Matt Blehm</i>	Date/Time: 10-26-10	1545
	(Day Shift) Reviewed By: <i>David W. Messinger</i> Sign: <i>David W. Messinger</i>	Date/Time: 10-26-10	1645
	(Swing Shift) Performed By: <i>BRION COOSIL</i> Sign: <i>BRION COOSIL</i>	Date/Time: 10/27/10	1235
	(Swing Shift) Reviewed By: <i>Brett L. Jenkins</i> Sign: <i>Brett L. Jenkins</i>	Date/Time: 10/27/10	0050

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection

(3 pages total)

**COPY**

Location	Surveillance Date: Click here to enter a date. 10/25/10	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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Effective Date: 6/8/2010

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date.	Activity	Completed
10/25/10	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By: <i>[Signature]</i>	Sign: <i>[Signature]</i>	Date/Time: 10/25/10 2358
Reviewed By:	Sign: <i>[Signature]</i>	Date/Time: 10/26/10 0010
Print: <i>Derek Olsen</i>	Print: <i>Bert L. Judkins</i>	
Comments:		

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date: 10/25/10	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: <i>Matt Blehm</i> Print: Matt Blehm	Date/Time: 10-25-10	
(Day Shift) Reviewed By:	Sign: <i>David W. Messenger</i> Print: David W. Messenger	Date/Time: 10-25-10 / 1637	
(Swing Shift) Performed By:	Sign: <i>Derick Olsen</i> Print: Derick Olsen	Date/Time: 10/25/10 2358	
(Swing Shift) Reviewed By:	Sign: <i>Brett L. Jenkins</i> Print: Brett L. Jenkins	Date/Time: 10/26/10 0210	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.



Facility Inspection

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Appendix D - Daily 2404-WBWC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date: 10/22/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat	
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	MO-444			✓	
	MO-446			✓	





Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 10/22/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign:  Print: MATT CORCORAN Date/Time: 10-22-10 1500	
Reviewed By:	Sign:  Print: STEVEN B CARTER Date/Time: 10/22/10 1509	
Comments:		



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Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date:	End of Day Activity	Complete	Comments
10/22/2010	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	N/A
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	↓
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	N/A
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS. * All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	↓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	↓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	↓
(Day Shift) Performed By:	Sign:  Print: MATT CORCORAN	Date/Time: 10-22-10 1500	
(Day Shift) Reviewed By:	Sign:  Print: Steven B Carter	Date/Time: 10/22/10 1510	
(Swing Shift) Performed By:	Sign: N/A	Date/Time:	
(Swing Shift) Reviewed By:	Sign: N/A	Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

**COPY**

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings. [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	X	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	X	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	

Facility Inspection

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Effective Date: 6/8/2010

Appendix D - Daily 2404-WBWC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	X	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	





Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: <small>Click here to enter a date.</small>	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	<i>[Signature]</i>
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	<i>[Signature]</i>
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign: <i>[Signature]</i> Print: Lucas Buers	Date/Time: 10-28-10 2410
Reviewed By:	Sign: <i>[Signature]</i> Print: Brett L. Judkins	Date/Time: 10/22/10 0030
Comments:		





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Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.		Complete	Comments
<p><b>End of Day Activity</b></p> <p>Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]</p> <p>Inspect facility for general housekeeping [TSR AC 5.7.1]</p>			
<p><b>End of Shift Activity</b></p> <p>Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *</p> <p>Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)</p> <p>Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *</p> <p>Ensure exterior facility doors are closed and locked (except for administrative area). (Day Shift) Performed By:  Sign: _____ Print: Kyle Leach Date/Time: 10/21/10 900 PM</p> <p>(Day Shift) Reviewed By:  Sign: _____ Print: LN Sutton Date/Time: 10/21/10 1600</p> <p>(Swing Shift) Performed By:  Sign: _____ Print: Lucas Burns Date/Time: 10/22/10 2430</p> <p>(Swing Shift) Reviewed By:  Sign: _____ Print: Brett LaJunkias Date/Time: 10/22/10 0030</p>			

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/MC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date: 10/20/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	X	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	X	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)



Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	e	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	e	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	e	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	e	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	e	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	e	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	e	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	e	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date:	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
10/20/2010	MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	8	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 12-1 1/2 2/ps:		
Performed By:		Sign: 	Print: Kyle Leach	Date/Time: 10/20/10	
Reviewed By:		Sign: 	Print: LN Sutton	Date/Time: 10/20/10	
Comments:	House Keeping in 44c could be Better				

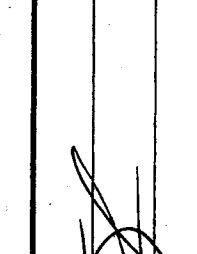
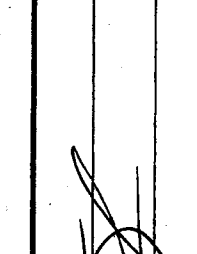
Before each use, ensure this copy is the most current version.

# WRP1-SV-1603 Facility Inspection

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## Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 10/20/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign: 	Date/Time: 10/20/10 2410
Reviewed By:	Sign: 	Date/Time: 10/21/10 0045
Comments:		

Facility Inspection

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Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 10/20/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>		
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	Day Shift ✓ Swing Shift ✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area). (Day Shift) Performed By: <i>[Signature]</i> Sign: <i>[Signature]</i> Print: Kyle Leach Date/Time: 10/20/10 3:50	✓	✓
	(Day Shift) Reviewed By: <i>[Signature]</i> Sign: <i>[Signature]</i> Print: <i>[Signature]</i> Date/Time: 10/20/10 1550		
	(Swing Shift) Performed By: <i>[Signature]</i> Sign: <i>[Signature]</i> Print: <i>[Signature]</i> Date/Time: 10/20/10 2410		
	(Swing Shift) Reviewed By: <i>[Signature]</i> Sign: <i>[Signature]</i> Print: Brent L. Judkins Date/Time: 10/21/10 2045		

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date: 10/19/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	



Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area





Surveillance Date: 10/19/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By: Denise Strawn	Sign: <i>Denise Strawn</i>	Date/Time: 10-19-2010 0001
Reviewed By:	Sign: <i>Denise L. Jenkins</i>	Date/Time: 10/20/10 0031
Comments:		

Facility Inspection

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Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 10/19/2010		Complete	Comments
End of Day Activity			
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]		✓	
Inspect facility for general housekeeping [TSR AC 5.7.1]		✓	
End of Shift Activity			
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *		✓	Swing Shift ✓
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)		✓	✓
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*		✓	✓
Ensure exterior facility doors are closed and locked (except for administrative area).		✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 10-19-10 1535	Print: MATT CORCORAN
(Day Shift) Reviewed By:	Sign: 	Date/Time: 10/19/10 1709	Print: STEVEN B CARTER
(Swing Shift) Performed By:	Sign: 	Date/Time: 10/19/10 0012	Print: DENISE S. STRAWN
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 10/19/10 0031	Print: BETH L. JENKINS

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date: 10/18/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d] Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14] Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building. Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor. Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	











Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 10/18/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	
(Day Shift) Performed By:	Sign: 	Date/Time: 10-18-10	0300
(Day Shift) Reviewed By:	Sign: 	Date/Time: 10/18/10	1550
(Swing Shift) Performed By:	Sign: 	Date/Time: 10/18/10	2440
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 10/19/10	0040

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/MWC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date: 10/15/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Appendix D - Daily 2404-WBWC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 10/15/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 10/15/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign: <i>[Signature]</i> Print: Derrick Harris	Date/Time: 10/15/10 1415
Reviewed By:	Sign: <i>[Signature]</i> Print: LN Sutton	Date/Time: 10/15/10 1510
Comments:		

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 10/15/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	NA
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	↓
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	NA
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	↓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	↓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	↓
(Day Shift) Performed By:	Sign: <i>[Signature]</i>	Date/Time: 10/15/10 15:00	
(Day Shift) Reviewed By:	Sign: <i>[Signature]</i>	Date/Time: 10/15/10 0745	
(Swing Shift) Performed By:	Sign: <i>[Signature]</i>	Date/Time: 10/15/10 1514	
(Swing Shift) Reviewed By:	Sign: <i>[Signature]</i>	Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date: 10/14/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Appendix D - Daily 2404-WBWC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	





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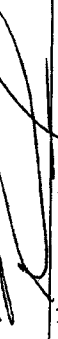
Appendix E - End of Work Day Activities for 2404-WBWC Area

Surveillance Date: <small>Click here to enter a date.</small>	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By: <i>[Signature]</i>	Print: <i>Derek Olsen</i>	Date/Time: 10/19/10 23:30
Reviewed By: <i>[Signature]</i>	Print: <i>Beth Juddkins</i>	Date/Time: 10/14/10 2:33:5
Comments:		

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: <a href="#">Click here to enter a date.</a>	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>		
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.4] *	✓	Swing Shift ✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area). (Day Shift) Performed By: 	✓	✓
	(Day Shift) Reviewed By: 		Date/Time: 10/14/10 15:54 Date/Time: 10/14/10 15:55
	(Swing Shift) Performed By: 		Date/Time: 10/14/10 23:30
	(Swing Shift) Reviewed By: 		Date/Time: 10/14/10 23:40

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

**COP**

Surveillance Date:	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
10/13/2010	2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	X	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	X	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection (Continued)**  
 (3 pages total)

Surveillance Date: 10/13/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	X	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
MO-444		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)



Surveillance Date:	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
10/13/2010	MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	NA	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By:	Sign: Chester Butler		Print: Chester Butler	Date/Time: 03-10-10	
Reviewed By:	Sign: M DL		Print: LN Sutton	Date/Time: 10/13/10 160	
Comments:	MO-610 Inaccessible due to construction activities LN Sutton M DL				

Facility Inspection

Published Date: 6/8/2010

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Appendix E - End of Work Day Activities for 2404-WB/WC Area









Surveillance Date: 10/13/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	<input checked="" type="checkbox"/>
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	<input checked="" type="checkbox"/>
	Transient combustibles are removed. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	<input checked="" type="checkbox"/>
	Ensure portable heater units in 2404-WB are turned OFF.	<input checked="" type="checkbox"/>
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	<input checked="" type="checkbox"/>
	For MO-610: Personnel access doors are closed and locked.	<input checked="" type="checkbox"/>
	Ensure all floodlights are turned OFF.	<input checked="" type="checkbox"/>
	Gates are closed and locked.	<input checked="" type="checkbox"/>
Performed By:	Sign:  Print: SAM HOBBS	Date/Time: 10/13/10 23:57
Reviewed By:	Sign:  Print: Brett L. Jenkins	Date/Time: 10/14/10 00:17
Comments:		

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 10/13/2010	End of Day Activity	Complete	Comments
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]		X	
Inspect facility for general housekeeping [TSR AC 5.7.1]		X	
<b>End of Shift Activity</b>			
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *		X	Day Shift Swing Shift
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)		X	
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*		X	
Ensure exterior facility doors are closed and locked (except for administrative area).		X	
(Day Shift) Performed By: 	Sign: 	Date/Time: 10/13/10	1630
(Day Shift) Reviewed By: 	Sign: 	Date/Time: 10/13/10	1600
(Swing Shift) Performed By: 	Sign: 	Date/Time: 10/14/10	00:12
(Swing Shift) Reviewed By: 	Sign: 	Date/Time: 10/14/10	00:18

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.



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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date:	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
10/12/2010	2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection (Continued)**  
 (3 pages total)

Surveillance Date:	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
10/12/2010	2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 10/12/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By:	Sign: 		Print: David Brown	Date/Time: 10-12-10 08:15	
Reviewed By:	Sign: 		Print: LN Sutton	Date/Time: 10/12/10 15:55	
Comments:					

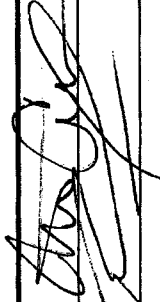

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Appendix E - End of Work Day Activities for 2404-WBWC Area

Surveillance Date: 10/12/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign: 	Date/Time: 10-12-10/0005
Reviewed By:	Sign: 	Date/Time: 10/13/10 0020
Comments:		

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**Appendix F - End of Work Shift/Day Activities**

Surveillance Date: 10/12/2010		End of Day Activity	Complete	Comments
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]			✓	
Inspect facility for general housekeeping [TSR AC 5.7.1]			✓	
End of Shift Activity		Day Shift	✓	Swing Shift
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *			✓	✓
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)			✓	✓
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*			✓	✓
Ensure exterior facility doors are closed and locked (except for administrative area).			✓	✓
(Day Shift) Performed By:	Sign: 	Print: David Brown	Date/Time: 10-12-10 1549	
(Day Shift) Reviewed By:	Sign: 	Print: LN Sutton	Date/Time: 10/12/10 1555	
(Swing Shift) Performed By:	Sign: 	Print: MATT CORCORAN	Date/Time: 10-12-10 0005	
(Swing Shift) Reviewed By:	Sign: 	Print: Brett L. Jackson	Date/Time: 10/13/10 0020	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

**COPY**

Surveillance Date: 10/11/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 10/11/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WBWC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 10/11/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		<input checked="" type="checkbox"/>	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.	1114121	<input type="checkbox"/>	<input type="checkbox"/>
Performed By:	Sign: [Signature]	Print: David Brown		Date/Time: 10-11-10 1000	
Reviewed By:	Sign: [Signature]	Print: UN Sitten		Date/Time: 10/11/10 1555	
Comments:					

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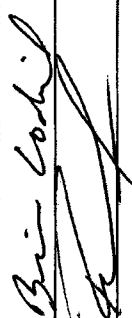
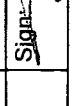


Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WBWC Area

Surveillance Date: 10/11/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign:  Print: BRIAN COCHRAN	Date/Time: 10-11-10 1223
Reviewed By:	Sign:  Print: Bud L. Jenkins	Date/Time: 10/11/10 0036
Comments:		

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 10/11/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>		
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	Swing Shift ✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 10-11-10	1548
(Day Shift) Reviewed By:	Sign: 	Date/Time: 10/11/10	1555
(Swing Shift) Performed By:	Sign: 	Date/Time: 10-11-10	1227
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 10/11/10	0027

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

**COPY**

Surveillance Date: 10/8/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A		
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓		
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 10/8/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection (Continued)**  
 (3 pages total)

Surveillance Date: <u>10/8/2010</u>	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.	#11 <sup>6455</sup> than 1/2   21		
Performed By:		Sign:	Print: Frank Fernandez	Date/Time:	10/08/10 0905
Reviewed By:		Sign:	Print: SB Carter	Date/Time:	10/8/10 1000
Comments:					

Published Date: 6/8/2010

Effective Date: 6/8/2010



Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 10/8/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	Performed By:  Sign: Frank Fernandez Date/Time: 10/08/10 0955	
	Reviewed By:  Sign: Steven B. Conner Date/Time: 10/8/10 1001	
	Comments:	

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Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 10/8/2010		Complete	Comments
End of Day Activity			
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]		✓	
Inspect facility for general housekeeping [TSR AC 5.7.1]		✓	
End of Shift Activity			
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *		✓	NA
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)		✓	
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*		✓	
Ensure exterior facility doors are closed and locked (except for administrative area)		✓	
(Day Shift) Performed By:	Sign: 	Date/Time: 10/08/10 0950	Print: Frank Fernandez
(Day Shift) Reviewed By:	Sign: 	Date/Time: 10/8/10 1002	Print: SAC
(Swing Shift) Performed By:	Sign: NA		
(Swing Shift) Reviewed By:	Sign: NA		

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

**COPY**

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat	
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓		
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓		
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		
				✓	
				✓	
				✓	



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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)

(3 pages total)

Surveillance Date: Click here to enter a date. 10/7/10

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>11 122 1 1/2</u>		
Performed By:	Sign: <u>Robert Cox</u>	Print: <u>Robert Cox</u>	Date/Time: <u>10/7/10 11:15</u>	
Reviewed By:	Sign: <u>Steven B Cantan</u>	Print: <u>Steven B Cantan</u>	Date/Time: <u>10/7/10 1601</u>	
Comments:	<u>South Doors in 2404WB was unlocked, this has been Fixed 10/7/10</u>			
	<u>West Man Doors in 2404WC was unlocked, this has been Fixed</u>			

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date.	Activity	Completed
10/7/10	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign: <i>[Signature]</i> Print: Lucas Burns	Date/Time: 10-3-10 2:10
Reviewed By:	Sign: <i>[Signature]</i> Print: Brent L. Judkins	Date/Time: 10/08/10 0000
Comments:		

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Facility Inspection

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Appendix F - End of Work Shift/Day Activities

<p><b>Surveillance Date:</b> Click here to enter a date. <u>10/7/10</u></p>	
<p><b>End of Day Activity</b></p>	
<p>Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]</p>	<p>Complete <input checked="" type="checkbox"/></p>
<p><b>End of Shift Activity</b></p>	
<p>Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *</p>	<p>Day Shift <input checked="" type="checkbox"/></p>
<p>Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.*</p>	<p>Swing Shift <input checked="" type="checkbox"/></p>
<p>All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)</p>	
<p>Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*</p>	
<p>Ensure exterior facility doors are closed and locked (except for administrative area).</p>	
<p>(Day Shift) Performed By: <u>Robert Cox</u></p>	<p>Date/Time: <u>10/7/10 1543</u></p>
<p>(Day Shift) Reviewed By: <u>Stacy L. ...</u></p>	<p>Date/Time: <u>10/7/10 1602</u></p>
<p>(Swing Shift) Performed By: <u>Lucas Burcs</u></p>	<p>Date/Time: <u>10/8/10 2402</u></p>
<p>(Swing Shift) Reviewed By: <u>Brett L. Jenkins</u></p>	<p>Date/Time: <u>10/08/10 2226</u></p>

\* Any transient combustibles found must be removed within 8 hours of identification.  
 \* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

**COPY**

Surveillance Date: 10/6/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat	
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓		
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓		
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓		
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		

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**Appendix D - Daily 2404-WB/WC Area Inspection (Continued)**  
 (3 pages total)

Surveillance Date: 10/6/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat	
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓		
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓		
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		
		MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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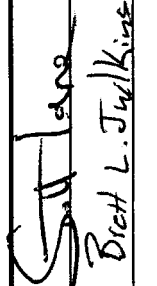
Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 10/6/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 11 1/2 21		
Performed By:		Sign: <i>[Signature]</i>	Print: <i>Dirk Wiles</i>	Date/Time: 10/6/10 0905	
Reviewed By:		Sign: <i>[Signature]</i>	Print: <i>LN Sutton</i>	Date/Time: 10/6/10 1535	
Comments:					

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix E - End of Work Day Activities for 2404-WB/WC Area

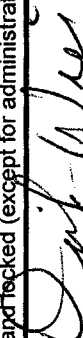



Surveillance Date: 10/6/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign:  Print: Brett L. J. J. J. J.	Date/Time: 10/6/10 2423
Reviewed By:	Sign:  Print: Brett L. J. J. J. J.	Date/Time: 10/07/10 0100
Comments:		

Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date:	End of Day Activity	Complete	Comments
10/6/2010	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 10/6/10	1535
(Day Shift) Reviewed By:	Sign: 	Date/Time: 10/6/10	1535
(Swing Shift) Performed By:	Sign: 	Date/Time: 10/6/10	2423
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 10/07/10	0100

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.



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**Appendix D - Daily 2404-WB/MC Area Inspection**  
 (3 pages total)

**COPY**

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 m); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Effective Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Effective Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 10/5/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.			
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.	11, 1/2, 22		
Performed By:	Sign: <i>[Signature]</i>	Print: <i>Sam Hobbs</i>			Date/Time: 10/5/10 10:20
Reviewed By:	Sign: <i>[Signature]</i>	Print: <i>LN Sutton</i>			Date/Time: 10/5/10 11:03
Comments:					

Facility Inspection

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Effective Date: 6/8/2010

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 10/5/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	NA
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign: <i>Matt Blehm</i> Print: Matt Blehm	Date/Time: 10/5/10 23:05
Reviewed By:	Sign: <i>Brett L. Jenkins</i> Print: Brett L. Jenkins	Date/Time: 10/5/10 22:01
Comments:		

Before each use, ensure this copy is the most current version.

Facility Inspection

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Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date:	End of Day Activity	Complete	Comments
10/5/2010	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: <i>[Signature]</i> Print: Sam Hobbs	Date/Time: 10/5/10 16:20	
(Day Shift) Reviewed By:	Sign: <i>[Signature]</i> Print: LN Sutton	Date/Time: 10/5/10 16:05	
(Swing Shift) Performed By:	Sign: <i>[Signature]</i> Print: Matt Blehm	Date/Time: 10/6/10 00:07	
(Swing Shift) Reviewed By:	Sign: <i>[Signature]</i> Print: Brett L. Jenkins	Date/Time: 10/06/10 00:01	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date: 10/4/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Effective Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 10/4/2010		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

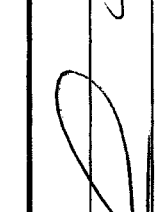
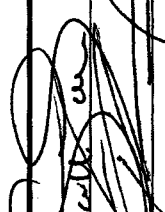
Surveillance Date: 10/4/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By:	<i>[Signature]</i>	Sign: <i>[Signature]</i>	Print: <i>David Andrews</i>		
Reviewed By:	<i>[Signature]</i>	Sign: <i>[Signature]</i>	Print: <i>Raymond Fitch</i>		
Comments:			Print: <i>LN Seton</i>		
			Date/Time: 10/4/10 14:00		
			Date/Time: 10/4/10 15:40		



Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 10/4/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	<input checked="" type="checkbox"/>
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	<input checked="" type="checkbox"/>
	Transient combustibles are removed. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	<input checked="" type="checkbox"/>
	Ensure portable heater units in 2404-WB are turned OFF.	<input checked="" type="checkbox"/>
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	<input checked="" type="checkbox"/>
	For MO-610: Personnel access doors are closed and locked.	<input checked="" type="checkbox"/>
	Ensure all floodlights are turned OFF.	<input checked="" type="checkbox"/>
	Gates are closed and locked.	<input checked="" type="checkbox"/>
Performed By:	Sign:  Print: Brent Jenkins	Date/Time: 10/4/10 2410
Reviewed By:	Sign:  Print: Brent Jenkins	Date/Time: 10/05/10 0030
Comments:		

Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 10/4/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>		
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	Day Shift Swing Shift
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: <i>[Signature]</i> Print: <i>Paulo Andarez</i>	Date/Time: 10/4/2010 1534	
(Day Shift) Reviewed By:	Sign: <i>[Signature]</i> Print: <i>Raymond Fietek</i>	Date/Time: 10/4/10 1545	
(Swing Shift) Performed By:	Sign: <i>[Signature]</i> Print: <i>Sultan</i>	Date/Time: 10/4/10 2420	
(Swing Shift) Reviewed By:	Sign: <i>[Signature]</i> Print: <i>Brett Tucker</i>	Date/Time: 10/13/10 0030	

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

**COPY**

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Effective Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	na	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: <small>Click here to enter a date.</small>	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		<input checked="" type="checkbox"/>	
Performed By:	Sign: <i>Lucas Burns</i>	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <i>12/12/21</i>		
Reviewed By:	Sign: <i>M. De</i>	Print: <i>Lucas Burns</i>	Date/Time: <i>10-1-10 10:17</i>		
Comments:	Print: <i>L N S. Her</i>	Date/Time: <i>10/1/10 13:20</i>			

Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix E - End of Work Day Activities for 2404-WB/MC Area



Surveillance Date: Click here to enter a date.	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	<input checked="" type="checkbox"/>
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	<input checked="" type="checkbox"/>
	Transient combustibles are removed. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	<input checked="" type="checkbox"/>
	Ensure portable heater units in 2404-WB are turned OFF.	<input checked="" type="checkbox"/>
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	<input checked="" type="checkbox"/>
	For MO-610: Personnel access doors are closed and locked.	<input checked="" type="checkbox"/>
	Ensure all floodlights are turned OFF.	<input checked="" type="checkbox"/>
	Gates are closed and locked.	<input checked="" type="checkbox"/>
Performed By: Lucas Burns	Sign: <i>Lucas Burns</i> Print: Lucas Burns	Date/Time: 10-1-10 1447
Reviewed By:	Sign: <i>WJ Sutton</i> Print: WJ Sutton	Date/Time: 10/1/10 1500
Comments:		

Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: <a href="#">Click here to enter a date</a>	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	<input checked="" type="checkbox"/>	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	<input checked="" type="checkbox"/>	
	<b>End of Shift Activity</b>	<b>Day Shift</b>	<b>Swing Shift</b>
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	<input checked="" type="checkbox"/>	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	<input checked="" type="checkbox"/>	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	<input checked="" type="checkbox"/>	
	Ensure exterior facility doors are closed and locked (except for administrative area).	<input checked="" type="checkbox"/>	
(Day Shift) Performed By:	Sign: 	Date/Time: 10-1-10	14:50
(Day Shift) Reviewed By:	Sign: 	Date/Time: 10/1/10	15:00
(Swing Shift) Performed By:	Sign:	Date/Time:	
(Swing Shift) Reviewed By:	Sign:	Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste contained in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	



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**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 2/28/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 2/28/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]		FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
	General housekeeping, between Vault Door and Outer Rollup Door		No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>7 124 1258</u>		
Performed By: (sign)	<i>[Signature]</i>	Print: <u>Russell Waltherman</u>		Date/Time: <u>02/28/11 1105</u>	
Reviewed By: (sign)	<i>[Signature]</i>	Print: <u>David W. Messinger</u>		Date/Time: <u>2-28-11/168</u>	
Comments:					

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 2/28/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
Performed By: (sign)	Print: Daniel Andrews	Date/Time: 2-28-11
Reviewed By: (sign)	Print: David W. Messinger	Date/Time: 2-1-11 0054
Comments:	(DM) 3-1-11 3	

Facility Inspection

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Effective Date: 02/23/11

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 2/28/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	<b>End of Shift Activity</b>		
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	Day Shift
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.*	✓	Swing Shift
	All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	
	(Day Shift) Performed By: (sign) <i>[Signature]</i>	✓	
	(Day Shift) Reviewed By: (sign) <i>[Signature]</i>		Date/Time: 2/28/11 1535
	(Swing Shift) Performed By: (sign) <i>[Signature]</i>		Date/Time: 2-28-11 1619
	(Swing Shift) Reviewed By: (sign) <i>[Signature]</i>		Date/Time: 3-1-11 0010
	(Swing Shift) Reviewed By: (sign) <i>[Signature]</i>		Date/Time: 3-1-11 0056

\* Any transient combustibles found must be removed within 8 hours of identification.  
 \* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 2/25/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking: [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat	
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC.FHA 1.3.1.10, SWOC.FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓		
	Aisle widths between rows of drum stacks or other containers [SWOC.FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC.FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC.FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	MO-444			✓	
	MO-446			✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date:	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2/25/2011	MO-654 (HERTR Control Room)	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	2406W (HERTR)	Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
		General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
	MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <i>2 1/6 27/25</i>		
Performed By: (sign)	<i>Raymond Fickett</i>	Print: <i>Raymond Fickett</i>		Date/Time: <i>2-25-11</i>	
Reviewed By: (sign)	<i>Tom Fulton</i>	Print: <i>Tom Fulton</i>		Date/Time: <i>2/25/11</i>	
Comments:					

Facility Inspection

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Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 2/25/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610 and MO-654: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	For 2406W: Roll down door is closed and locked.	✓
	Performed By: (sign) <i>Raymond Fichter</i> Print: <i>Raymond Fichter</i> Date/Time: <i>2-25-11 1440</i>	
	Reviewed By: (sign) <i>Tim Fulton</i> Print: <i>Tim Fulton</i> Date/Time: <i>2/25/11 1531</i>	
	Comments:	

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 2/25/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS. * All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	
	(Day Shift) Performed By: (sign) <i>Raymond Fietek</i>	Date/Time: 2-25-11 1413	
	(Day Shift) Reviewed By: (sign) <i>Jim Falton</i>	Date/Time: 2/25/11 1531	
	(Swing Shift) Performed By: (sign)	Date/Time:	
	(Swing Shift) Reviewed By: (sign)	Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
 (3 pages total)

Location	Surveillance Date: Click here to enter a date.	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		2-24-11			
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 1B.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

Facility Inspection

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Location	Date: Click here to enter a date. 2-24-11	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)



Location	Surveillance Date: Click here to enter a date.	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-654 (HERTR Control Room)	2-24-11	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
2406W (HERTR)		Outside Waste Storage Limitations [SWOC FHA Table 18.1.1]	FRP boxes are stored a minimum of 10.8 m (35 ft) from building. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft tall)	✓	
		General housekeeping, between Vault Door and Outer Rollup Door	No leaks or liquid accumulations. No staging or storage of any material or waste. Egress route is clear.	✓	
MO-610		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)	<i>[Signature]</i>	Print: Dennis GRAY	7-1-21-24		Date/Time: 2-24-11 15:05
Reviewed By: (sign)	<i>[Signature]</i>	Print: UN Setten			Date/Time: 2/24/11 16:05
Comments:					

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area





Surveillance Date: Click here to enter a date.	Activity	Completed
2-24-11	Inspect facility for general housekeeping. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	<input checked="" type="checkbox"/>
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	<input checked="" type="checkbox"/>
	Transient combustibles are removed. [TSR AC 5.7.1.c]	<input checked="" type="checkbox"/>
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	<input checked="" type="checkbox"/>
	Ensure portable heater units in 2404-WB are turned OFF.	<input checked="" type="checkbox"/>
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	<input checked="" type="checkbox"/>
	For MO-610 and MO-654: Personnel access doors are closed and locked.	<input checked="" type="checkbox"/>
	Ensure all floodlights are turned OFF.	<input checked="" type="checkbox"/>
	Gates are closed and locked.	<input checked="" type="checkbox"/>
	For 2406W: Roll down door is closed and locked.	<input checked="" type="checkbox"/>
Performed By: (sign)		Date/Time: 2-24-11 2352
Reviewed By: (sign)		Date/Time: 2-24-11 2352
Comments:	Print: <b>David W. Messenger</b>	

Facility Inspection

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Effective Date: 02/23/11

Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
2-24-11	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	<input checked="" type="checkbox"/>	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	<input checked="" type="checkbox"/>	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	<input checked="" type="checkbox"/>	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Ensure exterior facility doors are closed and locked (except for administrative area).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	(Day Shift) Performed By: (sign) 	Date/Time: 2-24-11	15:55
	(Day Shift) Reviewed By: (sign) 	Date/Time: 2/24/11	1605
	(Swing Shift) Performed By: (sign) 	Date/Time: 2-24-11	2325
	(Swing Shift) Reviewed By: (sign) 	Date/Time: 2-23-11	0033

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat	
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	MO-444				
	MO-446				




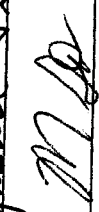
Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: Click here to enter a date. 2/23/11

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)		Print: <u>Raymond Fisteck</u>		Date/Time: <u>2-23-11 6:00</u>
Reviewed By: (sign)		Print: <u>LN Sutton</u>		Date/Time: <u>2/23/11 16:00</u>
Comments:	<p>_____          _____          _____          _____          _____          _____          _____          _____</p>			

Facility Inspection

Published Date: 02/23/11

Effective Date: 02/23/11

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date. 2/23/11	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	X
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	X
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	X
	Transient combustibles are removed. [TSR AC 5.7.1.c]	X
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	X
	Ensure portable heater units in 2404-WB are turned OFF.	X
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	X
	For MO-610 and MO-654: Personnel access doors are closed and locked.	X
	Ensure all floodlights are turned OFF.	X
	Gates are closed and locked.	X
	For 2406W: Roll down door is closed and locked.	X
	Performed By: (sign) <i>Chester Butler</i>	Date/Time: 2-23-11 2300
	Reviewed By: (sign) <i>David W Messinger</i>	Date/Time: 2-24-11 0034
	Comments:	

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Effective Date: 12/03/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
2/23/11	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	<input checked="" type="checkbox"/>	X
	Inspect facility for general housekeeping [TSR AC 5.7.1]	<input checked="" type="checkbox"/>	X
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	<input checked="" type="checkbox"/>	X
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	<input checked="" type="checkbox"/>	X
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	<input checked="" type="checkbox"/>	X
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	<input checked="" type="checkbox"/>	X
	Ensure exterior facility doors are closed and locked (except for administrative area).	<input checked="" type="checkbox"/>	X
(Day Shift) Performed By: (sign)	<i>Raymond Fietek</i> Print: Raymond Fietek	Date/Time: 2-23-2011 1555	
(Day Shift) Reviewed By: (sign)	<i>JM</i> Print: JN Sutton	Date/Time: 2/23/11 1600	
(Swing Shift) Performed By: (sign)	<i>Chester Buthe</i> Print: Chester Buthe	Date/Time: 2-23-11 2500	
(Swing Shift) Reviewed By: (sign)	<i>David W Messinger</i> Print: DAVID W MESSINGER	Date/Time: 2-24-11 0035	

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Surveillance Date: Click here to enter a date.	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	2/22/11	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat	
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	MO-444			✓	
	MO-446			✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: Click here to enter a date.	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 2   1/2   22 PSI		
Performed By: (sign)	<i>Raymond Fietek</i>	Print: <i>Raymond Fietek</i>	Date/Time: 2-22-2011 1430	
Reviewed By: (sign)	<i>M. A.</i>	Print: <i>W. N. Suter</i>	Date/Time: 2/22/11 1600	
Comments:				

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 2/22/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	X
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	X
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	X
	Transient combustibles are removed. [TSR AC 5.7.1.c]	X
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	X
	Ensure portable heater units in 2404-WB are turned OFF.	X
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	X
	For MO-610: Personnel access doors are closed and locked.	X
	Ensure all floodlights are turned OFF.	X
	Gates are closed and locked.	X
	Performed By: (sign) <i>Chester Butten</i> Print: <i>CHESTER BUTTEN</i> Date/Time: 2-22-11 2330	
	Reviewed By: (sign) <i>David W. Messinger</i> Print: <i>David W. Messinger</i> Date/Time: 2-22-11 0121	
	Comments: <i>(Signature)</i> <i>(Signature)</i> <i>(Signature)</i> <i>(Signature)</i>	

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	<input checked="" type="checkbox"/>	X
	Inspect facility for general housekeeping [TSR AC 5.7.1]	<input checked="" type="checkbox"/>	X
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	<input checked="" type="checkbox"/>	X
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	<input checked="" type="checkbox"/>	X
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	<input checked="" type="checkbox"/>	X
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	<input checked="" type="checkbox"/>	X
	Ensure exterior facility doors are closed and locked (except for administrative area).	<input checked="" type="checkbox"/>	X
	(Day Shift) Performed By: (sign) <i>Raymond Fietek</i>	Date/Time: 2-22-11 1551	
	(Day Shift) Reviewed By: (sign) <i>Charles Butler</i>	Date/Time: 2-22-11 2330	
	(Swing Shift) Performed By: (sign)	Date/Time:	
	(Swing Shift) Reviewed By: (sign) <i>David W. Messenger</i>	Date/Time: 2-23-11 0123	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.



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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Surveillance Date: Click here to enter a date. 2-18-11	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	n/a	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: Click here to enter a date. <u>2-18-2011</u>		Expected Condition/Reading	Sat	Unsat
MO-610	Location	Item of Inspection		
		General housekeeping, egress routes [TSR AC 5.7.1]		
	Record dewar number, level, and pressure.	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.  Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>7, 1/2, 23</u>	<input checked="" type="checkbox"/>	
Performed By: (sign)	<u>James Burns</u>	Print: <u>James Burns</u>	Date/Time: <u>2-18-11 0930</u>	
Reviewed By: (sign)	<u>M. A.</u>	Print: <u>LA Section</u>	Date/Time: <u>2/18/11 1500</u>	
Comments:				

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date. 2-18-11	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By: (sign)	<i>Lucas Burns</i>	Date/Time: 2-18-11 1930
Reviewed By: (sign)	<i>M. A.</i>	Date/Time: 2/18/11 1500
Comments:		

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
2-18-11	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	<b>End of Shift Activity</b>	<b>Day Shift</b>	<b>Swing Shift</b>
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	
(Day Shift) Performed By: (sign)	<i>Lucas Burns</i>	Date/Time: 2-18-11	1430
(Day Shift) Reviewed By: (sign)	<i>LN Sitten</i>	Date/Time: 2/18/11	1500
(Swing Shift) Performed By: (sign)		Date/Time:	
(Swing Shift) Reviewed By: (sign)		Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
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Surveillance Date: 2/17/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	NA	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	NA	

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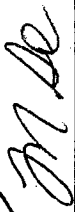
Surveillance Date: 2/17/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	NA	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	NA	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
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Surveillance Date: 2/17/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.	516.27		
Performed By: (sign)		Print: Steve Lane			Date/Time: 2/17/11 0815
Reviewed By: (sign)		Print: LN Sutton			Date/Time: 2/17/11 1615
Comments:	Dewar empty - DOS notified Replaced dewar 2/17/11 LN Sutton JN de				



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Appendix E - End of Work Day Activities for 2404-WB/WC Area





Surveillance Date: 2/17/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By: (sign)	Print: Daniel Andrews	Date/Time: 2-17-11 2345
Reviewed By: (sign)	Print: LN Sutton	Date/Time: 2/24/11 1245
Comments:		

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 2/17/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	✓
	<b>End of Shift Activity</b>	<b>Day Shift</b>	<b>Swing Shift</b>
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
	(Day Shift) Performed By: (sign)  Print: Susan	Date/Time: 2/17/11 1540	
	(Day Shift) Reviewed By: (sign)  Print: LN Sutton	Date/Time: 2/17/11 1605	
	(Swing Shift) Performed By: (sign)  Print: Charles Andrews	Date/Time: 2-18-11 0030	
	(Swing Shift) Reviewed By: (sign)  Print: Jim Fulton	Date/Time: 2/18/11 0427	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 2/16/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 m); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
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Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat	
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	NA		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	MO-444				
	MO-446				

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Appendix D - Daily 2404-WB/WC Area Inspection  
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Surveillance Date: 2/16/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Record dewar number, level, and pressure.	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.  Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.	<input checked="" type="checkbox"/>	
Performed By: (sign)		Print: Sam Lane	5142122	Date/Time: 2/16/11 0930	
Reviewed By: (sign)		Print: LN Sotom		Date/Time: 2/16/11 1530	
Comments:					





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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 2/16/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13] Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	Performed By: (sign) <i>Tim Breshaw</i>	Date/Time: 2/16/11 2345
	Reviewed By: (sign) <i>David W. Messinger</i>	Date/Time: 2-17-11 0115
	Print: Tim Breshaw	
	Print: David W. Messinger	
	Comments:	

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 2/16/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
	(Day Shift) Performed By: (sign)  Print: Steve Lane	Date/Time: 2/16/11	1545
	(Day Shift) Reviewed By: (sign)  Print: LN Sutton	Date/Time: 2/16/11	1550
	(Swing Shift) Performed By: (sign)  Print: Tim Brashars	Date/Time: 2/16/11	2359
	(Swing Shift) Reviewed By: (sign)  Print: David W. Messenger	Date/Time: 2-17-11	0115

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 2/15/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]		Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	



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**Appendix D - Daily 2404-WB/WC Area Inspection**  
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Surveillance Date: 2/15/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	NA	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
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Surveillance Date: 2/15/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.	512122		
Performed By: (sign)		Print: S. U. Lave			Date/Time: 2/15/11 0920
Reviewed By: (sign)		Print: LN Satten			Date/Time: 2/15/11 1600
Comments:					

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 2/15/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	N/A
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
	Performed By: (sign)  Print: Tim Breshkars Date/Time: 2-15-11 2300	
	Reviewed By: (sign)  Print: David W. Messinger Date/Time: 2-15-11 0058	
	Comments:	

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 2/15/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
	(Day Shift) Performed By: (sign) <i>[Signature]</i>	Date/Time: 2/15/11	1540
	(Day Shift) Reviewed By: (sign) <i>[Signature]</i>	Date/Time: 2/15/11	1600
	(Swing Shift) Performed By: (sign) <i>[Signature]</i>	Date/Time: 2/15/11	2355
	(Swing Shift) Reviewed By: (sign) <i>[Signature]</i>	Date/Time: 2-16-11	0002

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
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Surveillance Date: Click here to enter a date.	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
	2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**Appendix D - Daily 2404-WBWC Area Inspection**  
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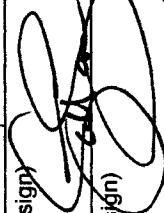
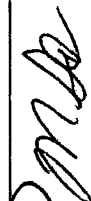
Surveillance Date: Click here to enter a date.	2/14/11	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	NA	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
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Surveillance Date: Click here to enter a date.	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
	MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 5172122		
Performed By: (sign)		Print: Sultare		Date/Time: 2/11/11 1100	
Reviewed By: (sign)		Print: LN Sultare		Date/Time: 2/11/11 1600	
Comments:	Lubricated accumulation along gate 5, Hindered access of egress.				

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**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Activity	Completed
Surveillance Date: Click here to enter a date. <u>2/14/11</u>	
Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	N/A
Ensure portable heater units in 2404-WB are turned OFF.	✓
Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
For MO-610: Personnel access doors are closed and locked.	✓
Ensure all floodlights are turned OFF.	✓
Gates are closed and locked.	✓
Performed By: (sign) <i>[Signature]</i>	Date/Time: 2/14/11 2345
Reviewed By: (sign) <i>[Signature]</i>	Date/Time: 2-15-11 0009
Print: <i>[Signature]</i> Tim Brshewers	
Print: David W. Messinger	
Comments:	



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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
2/14/11	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
	(Day Shift) Performed By: (sign) <i>[Signature]</i>	Date/Time: 2/14/11	1500
	(Day Shift) Reviewed By: (sign) <i>[Signature]</i>	Date/Time: 2/14/11	1600
	(Swing Shift) Performed By: (sign) <i>[Signature]</i>	Date/Time: 2/14/11	2355
	(Swing Shift) Reviewed By: (sign) <i>[Signature]</i>	Date/Time: 2-15-11	0012

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 2/11/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 m); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
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Surveillance Date: 2/11/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
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Surveillance Date: 2/11/2011		Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	Location	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 5 1/2 [2295]		
Performed By: (sign)		Print: Daniel Andrews		Date/Time: 2/11/11 1350	
Reviewed By: (sign)		Print: Steve B Carter		Date/Time: 2/11/11 1630	
Comments:					

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 2/11/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	N/A
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	<b>End of Shift Activity</b>	<b>Day Shift</b>	<b>Swing Shift</b>
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	
(Day Shift) Performed By: (sign)	<i>[Signature]</i>	Date/Time: 2-11-11 1500	
(Day Shift) Reviewed By: (sign)	<i>[Signature]</i>	Date/Time: 2/11/11 1630	
(Swing Shift) Performed By: (sign)		Date/Time:	
(Swing Shift) Reviewed By: (sign)		Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 2/10/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 2/10/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 2/10/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 512, 22psi		
Performed By: (sign)	Print: Daniel Andrews		Date/Time: 2-10-11 1330	
Reviewed By: (sign)	Print: LN Sutton		Date/Time: 2/10/11 1545	
Comments:				

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Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WBWC Area

Surveillance Date: 2/10/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By: (sign)	<i>Chester Butler</i>	Date/Time: 2-10-11 - 12345
Reviewed By: (sign)	<i>David W. Messinger</i>	Date/Time: 2-11-11 01416
Comments:		

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix F - End of Work Shift/Day Activities**

Surveillance Date: 2/10/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.*	✓	✓
	All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
	(Day Shift) Performed By: (sign) <i>David W. Messinger</i>	Date/Time: 2-10-11 1345	
	(Day Shift) Reviewed By: (sign) <i>M. D.</i>	Date/Time: 2/10/11 1545	
	(Swing Shift) Performed By: (sign) <i>Hester Burton</i>	Date/Time: 2-10-11 2345	
	(Swing Shift) Reviewed By: (sign) <i>David W. Messinger</i>	Date/Time: 2-11-11 0147	

\* Any transient combustibles found must be removed within 8 hours of identification.  
 \* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 2/9/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)



Surveillance Date: 2/9/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 2/9/2011		Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	Location	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 5 1/2 - 22psi		
Performed By: (sign)		Print: Daniel Andrews		Date/Time: 2-9-11 1430	
Reviewed By: (sign)		Print: LN Sutton		Date/Time: 2/9/11 1605	
Comments:					

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area



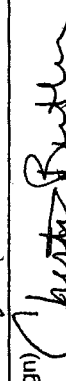
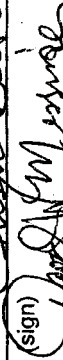
Surveillance Date: 2/9/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By: (sign)	<i>Chester Butler</i> Print: Chester Butler	Date/Time: 2-9-11 - 2400
Reviewed By: (sign)	<i>David W. Messinger</i> Print: David W. Messinger	Date/Time: 2-10-11 0104
Comments:		

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 2/9/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)		Date/Time: 2-9-11 1605	
(Day Shift) Reviewed By: (sign)		Date/Time: 2/9/11 1605	
(Swing Shift) Performed By: (sign)		Date/Time: 2-9-11 2400	
(Swing Shift) Reviewed By: (sign)		Date/Time: 2-10-11 0105	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.



**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 2/8/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

**WRP1-SV-1603**

**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
(3 pages total)

Surveillance Date: 2/8/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

# WRP1-SV-1603

## Facility Inspection

Rev. 6, Chg. 4

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### Appendix D - Daily 2404-WB/WC Area Inspection (3 pages total)

Surveillance Date: 2/8/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <i>5 1/2 RPSI</i>		
Performed By: (sign)	<i>[Signature]</i>	Print: <i>Daniel Andrews</i>	Date/Time: <i>2-8-11 0915</i>	
Reviewed By: (sign)	<i>[Signature]</i>	Print: <i>LW Sutton</i>	Date/Time: <i>2/8/11 1550</i>	
Comments:				

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Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WBWC Area

Surveillance Date: 2/8/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By: (sign)	Print: Chester Butten	Date/Time: 2-8-11 / 2345
Reviewed By: (sign)	Print: David W MESSINGER	Date/Time: 2-8-11 / 0041
Comments:		

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 2/7/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 2/7/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <i>5 Half 122 psi</i>	<input checked="" type="checkbox"/>	
Performed By: (sign)	<i>[Signature]</i>	Print: <i>Daniel Andrews</i>		Date/Time: 2-7-11 1330	
Reviewed By: (sign)	<i>[Signature]</i>	Print: <i>LN Sutton</i>		Date/Time: 2/7/11 1603	
Comments:					



Facility Inspection

Effective Date: 12/03/2010

Published Date: 12/03/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 2/7/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	✓
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.*	✓	✓
	All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)	<i>[Signature]</i>	Date/Time: 2-7-11 1700	1600
(Day Shift) Reviewed By: (sign)	<i>[Signature]</i>	Date/Time: 2-7-11	1605
(Swing Shift) Performed By: (sign)	<i>[Signature]</i>	Date/Time: 2-7-11	2400
(Swing Shift) Reviewed By: (sign)	<i>[Signature]</i>	Date/Time: 2-8-11	0116

Print: *David W. Messenger*  
 Print: *David W. Messenger*  
 Print: *Chester Butten*  
 Print: *David W. Messenger*

\* Any transient combustibles found must be removed within 8 hours of identification.  
 \* This inspection requirement is to be performed at the end of each shift when worked.



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Effective Date: 12/03/2010

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 2/4/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 2/4/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 2/4/2011		Expected Condition/Reading	Sat	Unsat
MO-610	Location	Item of Inspection		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. 5 17'3.22		
Performed By: (sign)	Print: <i>Matt Beatty</i>	Date/Time: 2-4-11 13:00		
Reviewed By: (sign)	Print: <i>LN Seton</i>	Date/Time: 2/4/11 15:25		
Comments:				

# WRP1-SV-1603

## Facility Inspection

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### Appendix E - End of Work Day Activities for 2404-WBWC Area

Surveillance Date: 2/4/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By: (sign)	Print: <i>MAF BETHY</i>	Date/Time: 2-4-11 1500
Reviewed By: (sign)	Print: <i>LN Sutton</i>	Date/Time: 2/4/11 1525
Comments:		

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix F - End of Work Shift/Day Activities**

Surveillance Date: 2/4/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	
	<b>End of Shift Activity</b>	<b>Day Shift</b>	<b>Swing Shift</b>
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	
	(Day Shift) Performed By: (sign) <i>Matt Buehm</i>	Date/Time: 2-4-11 1455	
	(Day Shift) Reviewed By: (sign) <i>M.D.</i>	Date/Time: 2/4/11 1525	
	(Swing Shift) Performed By: (sign)	Date/Time:	
	(Swing Shift) Reviewed By: (sign)	Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 2/3/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]		<u>Array Spacing</u> - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 2/3/2011	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	Location			
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
MO-444	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 2/3/2011		Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	Location	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By: (sign)		5 1 21 22			
Reviewed By: (sign)		Print: MATT BLEHM			Date/Time: 2/3/11 12:15
Comments:		Print: LN Sutton			Date/Time: 2/3/11 13:00



Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 2/3/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	✓
	Transient combustibles are removed. [TSR AC 5.7.1.c]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓ N/A
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By: (sign)	Print: DENNIS GRAY	Date/Time: 2-13-11 - 2340
Reviewed By: (sign)	Print: DAVON MESSINGER	Date/Time: 2-17-11 0021
Comments:		

Before each use, ensure this copy is the most current version.

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 2/3/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	✓	✓
	<b>End of Shift Activity</b>	<b>Day Shift</b>	<b>Swing Shift</b>
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign) <i>Matt Brehm</i>	Print: <i>Matt Brehm</i>	Date/Time: 2-3-11	1245
(Day Shift) Reviewed By: (sign) <i>LN Sutton</i>	Print: <i>LN Sutton</i>	Date/Time: 2-3-11	1300
(Swing Shift) Performed By: (sign) <i>Dennis Gray</i>	Print: <i>Dennis Gray</i>	Date/Time: 2-3-11	2340
(Swing Shift) Reviewed By: (sign) <i>David W. Messinger</i>	Print: <i>David W. Messinger</i>	Date/Time: 2-4-11	0019

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 2/2/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums – nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3. 1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials. [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 2/2/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Record dewar number, level, and pressure.	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.  Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.  5 1 4 1 2 4 2 2	✓	
Performed By: (sign) <i>Matt Blehm</i>	Print: <i>MATT BLEHM</i>			Date/Time: 2/2/11 1530	
Reviewed By: (sign) <i>M Da</i>	Print: <i>LN SUTEN</i>			Date/Time: 2/2/11 1540	
Comments:					

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 2/2/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	X	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	X	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	X	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	X
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7) <b>KEY 101 CHECKED OUT BUT ACCOUNTED FOR</b>	✓	X
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	X
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	Y
	(Day Shift) Performed By: (sign) <i>Matt Blehm</i>	Date/Time: 2/2/11 1530	
	(Day Shift) Reviewed By: (sign) <i>LN Satten</i>	Date/Time: 2/2/11 1540	
	(Swing Shift) Performed By: (sign) <i>David W. Messinger</i>	Date/Time: 2/2/11 2300	
	(Swing Shift) Reviewed By: (sign) <i>David W. Messinger</i>	Date/Time: 2-3-11 0030	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 2/2/2011	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	X
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.13]	X
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	X
	Transient combustibles are removed. [TSR AC 5.7.1.c]	X
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	X
	Ensure portable heater units in 2404-WB are turned OFF.	X
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	X
	For MO-610: Personnel access doors are closed and locked.	X
	Ensure all floodlights are turned OFF.	X
	Gates are closed and locked.	X
Performed By: (sign)	Print: Derek Olsen	Date/Time: 2/2/11 2300
Reviewed By: (sign)	Print: David W. Messenger	Date/Time: 2-3-11 0032
Comments:		

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 2/1/2011	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.11, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		Exclusion Zones are free of stored combustible materials, [TSR SAC 5.6.4.g]	Array Spacing - A minimum spacing of 3.7 m (12 ft) SHALL be maintained between waste array zones of noncombustible waste containers in CWC buildings and this space SHALL be maintained free of stored combustibles.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 2/1/2011		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.9]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.10, SWOC FHA 1.3.1.12]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. A metal strap is not required for banding of empty drums - nylon straps or equivalent may be utilized.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.13]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [SWOC FHA 1.3.1.14]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 2/1/2011				
Location	Item of Inspection	Expected Condition/Reading	Sat      Unsat	
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>2.17 &lt; 4.24</u>		
Performed By: (sign) <i>Matt Blehm</i>	Print: <i>MATT BLEHM</i>		Date/Time: <i>2-1-11 15:17</i>	
Reviewed By: (sign) <i>MAR</i>	Print: <i>LN Sutton</i>		Date/Time: <i>2-1-11 15:15</i>	
Comments:				

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 2/1/2011	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	X	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	X	
	Ensure exterior facility doors are closed and locked (MO-2153, MO-2159, MO-2160, MO-2161, and MO-2162).	X	
	<b>End of Shift Activity</b>	<b>Day Shift</b>	<b>Swing Shift</b>
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1.c] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS. * All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: (sign)	<i>Matt Blahen</i>	Date/Time: 2-1-11	1545
(Day Shift) Reviewed By: (sign)	<i>MAR</i>	Date/Time: 2-1-11	1550
(Swing Shift) Performed By: (sign)	<i>[Signature]</i>	Date/Time: 2-1-11	0814
(Swing Shift) Reviewed By: (sign)	<i>[Signature]</i>	Date/Time: 2-2-11	0104

Print: *Matt Blahen*  
 Print: *LN Sutton*  
 Print: *Kyle Leach*  
 Print: *David W. Messenger*

\* Any transient combustibles found must be removed within 8 hours of identification.  
 \* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 7/31/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.		
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles		
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.		
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)		
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		



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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 7/31/2010	Activity	Completed
8-1-10 KE 8:10	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign: <i>[Signature]</i>	Date/Time: 7/31/10 16:00
Reviewed By:	Sign: <i>[Signature]</i>	Date/Time: 8/5/10 18:25
Comments:	Trailer Late Entry - 2404WB & 2404WB Removed in "Stand By Mode" SPChart 8/5/10	

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 7/31/2010		
End of Day Activity	Complete	Comments
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2] Inspect facility for general housekeeping [TSR AC 5.7.1]	<input checked="" type="checkbox"/>	N.A.
End of Shift Activity		
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	<input checked="" type="checkbox"/>	N.A.
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	<input checked="" type="checkbox"/>	
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	<input checked="" type="checkbox"/>	
Ensure exterior facility doors are closed and locked (except for administrative area). (Day Shift) Performed By: <i>[Signature]</i>	<input checked="" type="checkbox"/>	
(Day Shift) Reviewed By: <i>[Signature]</i>		Date/Time: 7/31/10 16:00
(Swing Shift) Performed By: <i>[Signature]</i>		Date/Time: 7/31/10 17:06
(Swing Shift) Reviewed By: <i>[Signature]</i>		Date/Time:

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.



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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 7/30/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat	
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A		
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓		
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓		
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		

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**Appendix D - Daily 2404-WB/WC Area Inspection (Continued)**  
 (3 pages total)

Surveillance Date: 7/30/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

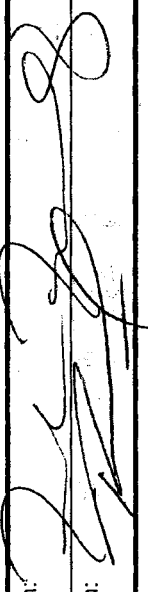
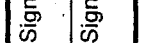
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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)

(3 pages total)

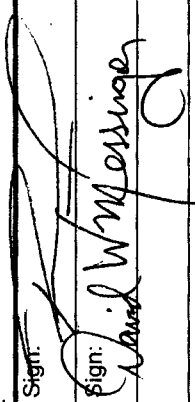
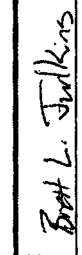
Surveillance Date: 7/30/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. #5 <sup>more</sup> than 1/4 23		
Performed By:			Print: Frank Fernandez	Date/Time: 7/30/10 11:29	
Reviewed By:			Print: Brett L. Jenkins	Date/Time: 07/30/10 16:30	
Comments:					

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 7/30/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign:  Print: David W. Messinger	Date/Time: 07/30/10 1600
Reviewed By:	Sign:  Print: Brett L. Jenkins	Date/Time: 7/30/10 1636
Comments:		

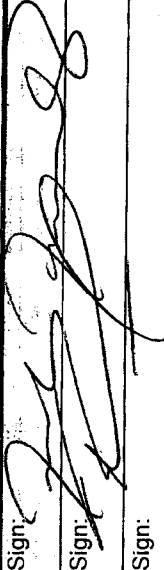
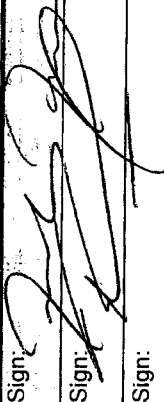
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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 7/30/2010		Complete	Comments
<b>End of Day Activity</b>			
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]			
Inspect facility for general housekeeping [TSR AC 5.7.1]			
<b>End of Shift Activity</b>			
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *			
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)			
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*			
Ensure exterior facility doors are closed and locked (except for administrative area).			
(Day Shift) Performed By:	Sign: 	Print: Frank Fernandez	Date/Time: 07/30/10 1515
(Day Shift) Reviewed By:	Sign: 	Print: Brett L. Jenkins	Date/Time: 07/30/10 1630
(Swing Shift) Performed By:	Sign:	Print:	Date/Time:
(Swing Shift) Reviewed By:	Sign:	Print:	Date/Time:

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection



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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 7/29/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Appendix D - Daily 2404-WBWC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	











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Appendix F - End of Work Shift/Day Activities

Surveillance Date:	End of Day Activity	Complete	Comments
7/29/2010	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>		
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign:  Print: Frank Fernandez	Date/Time: 07/29/10	1500
(Day Shift) Reviewed By:	Sign:  Print: Brett L. Jenkins	Date/Time: 07/29/10	1405
(Swing Shift) Performed By:	Sign:  Print: Derrick Harris	Date/Time: 7/30/10	00:40
(Swing Shift) Reviewed By:	Sign:  Print: Steven B. Cantor	Date/Time: 7/30/10	0043

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat	
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A		
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓		
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		
				✓	
				✓	
				✓	

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: <a href="#">Click here to enter a date.</a> 07/28/10	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	NA	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	





Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area


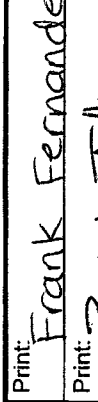

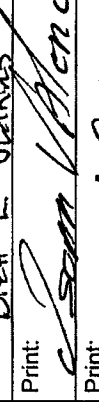
Surveillance Date: Click here to enter a date.	Activity	Completed
07/28/10	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign:  Print: Steven B Cantar	Date/Time: 7-28-10 0005
Reviewed By:	Sign:  Print: Steven B Cantar	Date/Time: 7/28/10 0040
Comments:	7/29/10	

Facility Inspection


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Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
07/28/10	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.*	✓	✓
	All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7) * 1,	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 07/28/10	15:45
(Day Shift) Reviewed By:	Sign: 	Date/Time: 07/28/10	16:15
(Swing Shift) Performed By:	Sign: 	Date/Time: 7-29-10	0005
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 7/29/10	0040

\* Any transient combustibles found must be removed within 8 hours of identification.  
 \* This inspection requirement is to be performed at the end of each shift when worked.

\* 1. Keys #101 are accounted for through the Key check out log, 



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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat	
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A		
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓		
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		
				✓	
				✓	
				✓	



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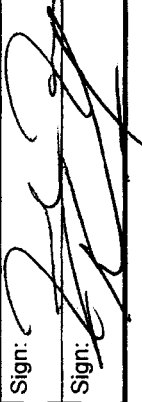
Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/MC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: Click here to enter a date.	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <sup>less than 1/2</sup> #7 1/2 25		
Performed By:	Sign: 	Print: Frank Fernandez	Date/Time: 07/27/10	11:15
Reviewed By:	Sign: 	Print: Brett L. Jenkins	Date/Time: 07/27/10	11:15
Comments:				

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


Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date	Activity	Completed
07/27/10	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign: <i>[Signature]</i> Print: <i>Sam McCre</i> Date/Time: 7/27/10 11:50am	
Reviewed By:	Sign: <i>[Signature]</i> Print: <i>Stewart Canton</i> Date/Time: 10/24/10 0735	
Comments:	<p>Flood lights by gate #5 not working</p> <p>4 interior lights in WC, south side not working</p> <p>1 interior light in WC, south side not working</p>	

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Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
07/27/10	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>		
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.*	✓	
	All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7) *	✓	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	
(Day Shift) Performed By:	Sign: 	Date/Time: 07/27/10 15:10	Print: Frank Fernandez
(Day Shift) Reviewed By:	Sign: 	Date/Time: 07/27/10 16:15	Print: Brett J. Tullkins
(Swing Shift) Performed By:	Sign: 	Date/Time: 7/27/10 11:50 AM	Print: Steven B. Canzan
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 7/27/10 0025	Print: Steven B. Canzan

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

\* Key 104 is still checked out, Key Returned by End of Swing Shift 8/27/10

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)


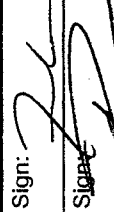
Surveillance Date: Click here to enter a date.		Item of Inspection	Expected Condition/Reading	Sat	Unsat
Location					
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓		
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)



Surveillance Date:	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
Click here to enter a date.	MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations No leaks or liquid accumulations. Egress routes clear.	✓	
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. Less than 1/2 23		
Performed By:	Sign: 		Print: Frank Fernandez	Date/Time: 07/24/10 11:08	
Reviewed By:	Sign: 		Print: Brett Jenkins	Date/Time: 07/24/10 13:55	
Comments:	#2 Clock in 2404-WB needs new battery.				

Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date: 07/26/10	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign:  Print: Dan Valenc	Date/Time: 7/26/10 1145
Reviewed By:	Sign:  Print: Steve B Carter	Date/Time: 7/26/10 1247
Comments:		







Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: <a href="#">Click here to enter a date.</a>	Complete	Comments
07/26/10 End of Day Activity	✓	
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2] Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
End of Shift Activity	Day Shift	Swing Shift
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: 	Date/Time: 07/26/10	15:20
(Day Shift) Reviewed By: 	Date/Time: 07/26/10	15:45
(Swing Shift) Performed By: 	Date/Time: 7/26/10	11:50
(Swing Shift) Reviewed By: 	Date/Time: 7/26/10	12:49

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

7/24/10

Appendix F - End of Work Shift/Day Activities

Surveillance Date: <a href="#">Click here to enter a date.</a>	Complete	Comments
End of Day Activity		
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	/	
Inspect facility for general housekeeping [TSR AC 5.7.1]	/	
End of Shift Activity		
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	/	
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	/	
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	/	
Ensure exterior facility doors are closed and locked (except for administrative area).	/	
(Day Shift) Performed By: 	Date/Time: 7/24/10 1127	
(Day Shift) Reviewed By: 	Date/Time: 7-24-10 1127	
(Swing Shift) Performed By: 	Date/Time:	
(Swing Shift) Reviewed By: 	Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

MODIFIED SURVEILLANCE PERFORMED (APPENDIX F) TO SUPPORT OFF NORMAL OPERATIONS (DMN)

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

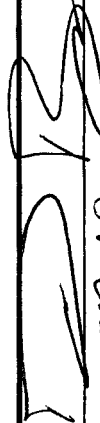

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)



(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <u>7, 1/4, 24</u>		
Performed By:		Print: <u>David Brown</u>	Date/Time: <u>7-23-10 0910</u>	
Reviewed By:		Print: <u>UN Sultan</u>	Date/Time: <u>7/23/10 1516</u>	
Comments:				

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: Click here to enter a date.	Activity	Completed
7-23-10	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign:  Print: David Brown Date/Time: 7-23-10 1500	
Reviewed By:	Sign:  Print: LV Satter Date/Time: 7/23/10 1516	
Comments:		

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Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	
(Day Shift) Performed By:	Sign:  Print: David Brown	Date/Time: 7-23-10	1500
(Day Shift) Reviewed By:	Sign:  Print: W S Suter	Date/Time: 7/23/10	1510
(Swing Shift) Performed By:	Sign:	Date/Time:	
(Swing Shift) Reviewed By:	Sign:	Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.





Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
7-22-10	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
End of Shift Activity			
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 7-22-10	1545
(Day Shift) Reviewed By:	Sign: 	Date/Time: 7-22-10	1735
(Swing Shift) Performed By:	Sign: 	Date/Time: 7/23/10	0045
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 07/23/10	0050

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.



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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection (Continued)**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	





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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: <a href="#">Click here to enter a date.</a>	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	7-21-10 General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

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**Appendix D - Daily 2404-WBWC Area Inspection (Continued)**  
 (3 pages total)

Surveillance Date: <a href="#">Click here to enter a date.</a>	7-21-10	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	Location	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	


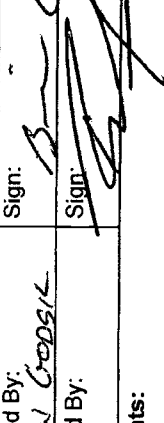


# WRP1-SV-1603 Facility Inspection

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## Appendix E - End of Work Day Activities for 2404-WB/WC Area


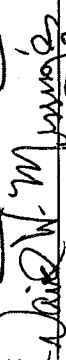


Surveillance Date: <small>Click here to enter a date.</small> 7-21-10	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	<input checked="" type="checkbox"/>
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	<input checked="" type="checkbox"/>
	Transient combustibles are removed. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	<input checked="" type="checkbox"/>
	Ensure portable heater units in 2404-WB are turned OFF.	<input checked="" type="checkbox"/>
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	<input checked="" type="checkbox"/>
	For MO-610: Personnel access doors are closed and locked.	<input checked="" type="checkbox"/>
	Ensure all floodlights are turned OFF.	<input checked="" type="checkbox"/>
	Gates are closed and locked.	<input checked="" type="checkbox"/>
Performed By:	Sign: 	Date/Time: 7-22-10 12:22
Reviewed By:	Sign: 	Date/Time: 7-22-10 07:17 AM
Print:	Brian Godsil	
Print:	Brett L. Jenkins	
Comments:		

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
7-21-10	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 7-21-10	1530
(Day Shift) Reviewed By:	Sign: 	Date/Time: 7-21-10	1607
(Swing Shift) Performed By:	Sign: 	Date/Time: 7-21-10	12:45
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 07/24/10	0045

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.



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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Surveillance Date: Click here to enter a date.	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		7-20-10 General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WBWC Area Inspection (Continued)  
(3 pages total)


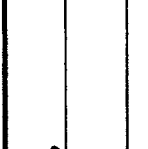
Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <i>7/5/24.24</i>		
Performed By:	<i>[Signature]</i>	Print: <i>David Brown</i>	Date/Time: <i>7-20-10 1430</i>	
Reviewed By:	<i>[Signature]</i>	Print: <i>Steven B Carter</i>	Date/Time: <i>7/20/10 1551</i>	
Comments:	<i>OUTSIDE LIGHT CURVE EXIT DOOR INOP. SRR</i>			

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area


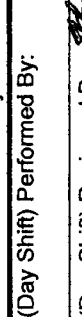

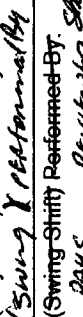
Surveillance Date: <small>Click here to enter a date.</small>	Activity	Completed
7/20/10	Inspect facility for general housekeeping. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	<input checked="" type="checkbox"/>
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	<input checked="" type="checkbox"/>
	Transient combustibles are removed. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	<input checked="" type="checkbox"/>
	Ensure portable heater units in 2404-WB are turned OFF.	<input checked="" type="checkbox"/>
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	<input checked="" type="checkbox"/>
	For MO-610: Personnel access doors are closed and locked.	<input checked="" type="checkbox"/>
	Ensure all floodlights are turned OFF.	<input checked="" type="checkbox"/>
	Gates are closed and locked.	<input checked="" type="checkbox"/>
Performed By:	Sign:  Print: SAMUEL HOBBS	Date/Time: 7/20/10 2354
Reviewed By:	Sign:  Print: Brett L. Jenkins	Date/Time: 07/21/10 0654
Comments:		

Facility Inspection

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Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
7-20-10	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 7-20-10 1530	Print: David Brown
(Day Shift) Reviewed By: <i>SA</i>	Sign: 	Date/Time: 7/20/10 00:30	Print: Samuel Hobbs
(Swing Shift) Performed By: <i>SA</i>	Sign: 	Date/Time: 7/20/10 1553	Print: Stuart B. Carter
(Swing Shift) Reviewed By: <i>SA</i>	Sign: 	Date/Time: 07/21/10 0855	Print: Paul L. Jenkins

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.



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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Surveillance Date: Click here to enter a date.	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Effective Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection (Continued)

(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.		
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



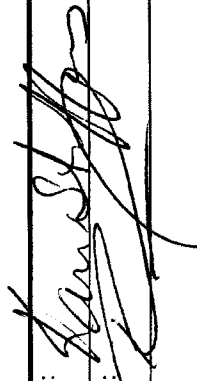
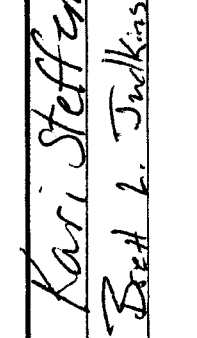


Facility Inspection

Published Date: 6/8/2010

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Appendix E - End of Work Day Activities for 2404-WBWC Area

Surveillance Date: <a href="#">Click here to enter a date.</a>	Activity	Completed
7-19-10	Inspect facility for general housekeeping. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	<input checked="" type="checkbox"/>
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	<input checked="" type="checkbox"/>
	Transient combustibles are removed. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	<input checked="" type="checkbox"/>
	Ensure portable heater units in 2404-WB are turned OFF.	<input checked="" type="checkbox"/>
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	<input checked="" type="checkbox"/>
	For MO-610: Personnel access doors are closed and locked.	<input checked="" type="checkbox"/>
	Ensure all floodlights are turned OFF.	<input checked="" type="checkbox"/>
	Gates are closed and locked.	<input checked="" type="checkbox"/>
Performed By:	Sign:  Print: Kari Steffens	Date/Time: 7/20/10 0005
Reviewed By:	Sign:  Print: Brett L. Jenkins	Date/Time: 07/20/10 0010
Comments:		

Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
7-19-10	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: <i>David Brown</i>	Date/Time: 7-19-10 1600	
(Swing Shift) Reviewed By:	Print: Kari Steffens	Date/Time: 7/20/10 0005	
(Swing Shift) Performed By:	Sign: <i>Steven B. Cantan</i>	Date/Time: 7/19/10 1615	
(Swing Shift) Reviewed By:	Print: Brett L. Jenkins	Date/Time: 07/20/10 0010	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.



Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 7/16/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓		
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓		
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		

Facility Inspection

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Appendix D - Daily 2404-WBWC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	


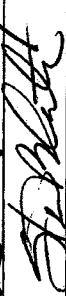


Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WBWC Area

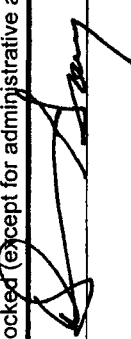

Surveillance Date: 7/16/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign:  Print: Dennis GRAY	Date/Time: 7-16-10 15:20
Reviewed By:	Sign:  Print: Steven B Carter	Date/Time: 7/16/10 1535
Comments:		

Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 7/16/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	NA
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	
(Day Shift) Performed By:	Sign: 	Date/Time: 7-16-10	15:20
(Day Shift) Reviewed By:	Sign:	Date/Time:	
(Swing Shift) Performed By:	Sign:	Date/Time:	
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 7/16/10	1535

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	



**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix D - Daily 2404-WB/WC Area Inspection (Continued)**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By:	<i>[Signature]</i>	Print: <i>DENNIS GRAY</i>		Date/Time: 7/15/10 1:40
Reviewed By:	<i>[Signature]</i>	Print: <i>LN Sutton</i>		Date/Time: 7/15/10 1:50

Comments:

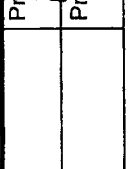

*CONSTRUCTION ZONE*

Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area





Surveillance Date: 7/15/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	①
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign: 	Date/Time: 7/16/10 00:30
Reviewed By:	Sign: 	Date/Time: 07/16/10 0031
Comments:	① construction zone	

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 7/15/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>		
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 7/15/10	1540
(Day Shift) Reviewed By:	Sign: 	Date/Time: 7/15/10	1550
(Swing Shift) Performed By:	Sign: 	Date/Time: 07/16/10	00:30
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 07/16/10	0031

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WBWC Area Inspection

(3 pages total)

**COPY**

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Appendix D - Daily 2404-WBWC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WBWC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 7/14/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.	<input checked="" type="checkbox"/>	
Performed By:	<i>[Signature]</i>	Sign:	Print: <b>Dennis Gray</b>	Date/Time: 7/14/10	11:20
Reviewed By:	<i>[Signature]</i>	Sign:	Print: <b>LN Seton</b>	Date/Time: 7/14/10	1600
Comments:	CONSTRUCTION ZONE				
	<i>[Handwritten mark]</i>				





Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 7/14/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: <i>[Signature]</i>	Date/Time: 07/14/10	1600
(Day Shift) Reviewed By:	Sign: <i>[Signature]</i>	Date/Time: 7/14/10	1602
(Swing Shift) Performed By:	Sign: <i>[Signature]</i>	Date/Time: 7/15/10	0031
(Swing Shift) Reviewed By:	Sign: <i>[Signature]</i>	Date/Time: 07/15/10	0052

\* Any transient combustibles found must be removed within 8 hours of identification.  
 \* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date: 7/13/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 m); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 7/13/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat	
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓		
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓		
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		
		MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 7/13/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Record dewar number, level, and pressure.	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
Performed By:	<i>[Signature]</i>	Sign: <i>Dennis Gray</i>	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Reviewed By:	<i>[Signature]</i>	Sign: <i>LN Sutton</i>			
Comments:	<p>CONSTRUCTION</p> <p>ZONE</p>				
	Date/Time: 7/13/10 11:40				
	Date/Time: 7/13/10 16:00				

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Effective Date: 6/8/2010

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date:	Activity	Completed
7/13/2010	Inspect facility for general housekeeping. [TSR AC 5.7.1]	X
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	X
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	X
	Transient combustibles are removed. [TSR AC 5.7.1]	X
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	X
	Ensure portable heater units in 2404-WB are turned OFF.	X
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	X
	For MO-610: Personnel access doors are closed and locked.	X
	Ensure all floodlights are turned OFF.	X
	Gates are closed and locked.	X
Performed By:	Sign: <i>Chester Butler</i> Print: Chester Butler	Date/Time: 7-13-10 / 2330
Reviewed By:	Sign: <i>Booth L. Jenkins</i> Print: Booth L. Jenkins	Date/Time: 07/13/10 2350
Comments:		

Facility Inspection

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Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 7/13/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	X
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	X
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	X
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	X
(Day Shift) Performed By:	Sign: <i>[Signature]</i> Print: Kyle Leach	Date/Time: 7-13-10	11:10
(Day Shift) Reviewed By:	Sign: <i>[Signature]</i> Print: DENNIS GRAY	Date/Time: 7/13/10	1600
(Swing Shift) Performed By:	Sign: <i>[Signature]</i> Print: Chester Butler	Date/Time: 7-13-10	2345
(Swing Shift) Reviewed By:	Sign: <i>[Signature]</i> Print: Brett L. Jenkins	Date/Time: 07/13/10	2350

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: Click here to enter a date.	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection (Continued)**  
 (3 pages total)

Surveillance Date: Click here to enter a date.	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		





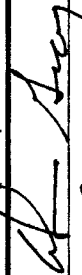

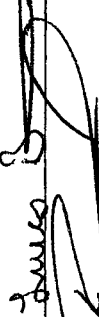



Facility Inspection

Published Date: 6/8/2010

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>		
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	Swing Shift ✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 7-12-10	1520
(Day Shift) Reviewed By:	Sign: 	Date/Time: 7/12/10	1530
(Swing Shift) Performed By:	Sign: 	Date/Time: 7-12-10	L-B 7-15-10 24.20
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 07/13/10	0026

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

7/10/10

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	End of Day Activity	Complete	Comments
7/10/10	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	
(Day Shift) Performed By:	Sign: <i>[Signature]</i>	Print: KATHY FLIPPIN	Date/Time: 7-10-10 1510
(Day Shift) Reviewed By:	Sign: <i>[Signature]</i>	Print: DAVID W. MESSNER	Date/Time: 7-10-10 1512
(Swing Shift) Performed By:	Sign:	Print:	Date/Time:
(Swing Shift) Reviewed By:	Sign:	Print:	Date/Time:

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

NOTE: DUE TO MINIMAL WORKSCOPE, TYPE OF ACTIVITIES, SHORT DURATION AND DAY OF WEEK (SATURDAY), ONLY APPENDIX F SURVEILLANCE WAS PERFORMED PER STEP 4.1.4. (DWA)

Saturday - 07

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

**COPY**

Surveillance Date:	7/9/2010	Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 7/9/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
MO-444		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)



Surveillance Date:	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
7/9/2010	①	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
		Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By:	Sign: <i>[Signature]</i>		Print: Russell Wainstern	Date/Time: 07/09/10 10:35	
Reviewed By:	Sign: <i>[Signature]</i>		Print: LN Sutton	Date/Time: 7/9/10 11:15	
Comments:	① Area under const. suction				

Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 7/9/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign:  Print: Russell Waltsman	Date/Time: 07/09/10 1415
Reviewed By:	Sign:  Print: LN Sutton	Date/Time: 7/9/10 1445
Comments:		



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Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 7/9/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	
(Day Shift) Performed By:	Sign: 	Date/Time: 07/08/10 1430	Print: Russell W. Helms
(Day Shift) Reviewed By:	Sign: 	Date/Time: 7/9/10 1445	Print: LN Sutter
(Swing Shift) Performed By:	Sign:	Date/Time:	Print:
(Swing Shift) Reviewed By:	Sign:	Date/Time:	Print:

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

Effective Date: 6/8/2010

Published Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 7/8/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC. (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	




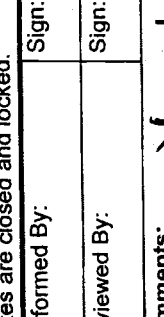
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Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area


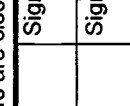

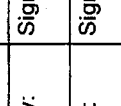
Surveillance Date: 7/8/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	X
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	X
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	X
	Transient combustibles are removed. [TSR AC 5.7.1]	X
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	X
	Ensure portable heater units in 2404-WB are turned OFF.	X
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	X
	For MO-610: Personnel access doors are closed and locked.	X
	Ensure all floodlights are turned OFF.	X
	Gates are closed and locked.	X
Performed By:	Sign:  Print: JEFFREY McSWAIN Date/Time: 7/8/10 23:24	
Reviewed By:	Sign:  Print: Beth L. Jenkins Date/Time: 07/09/10 0050	
Comments:	* 1. LIGHT AT NW CORNER OF 2404 WB NOT ON. (ROADWAY LIGHT)	

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Appendix F - End of Work Shift/Day Activities

Surveillance Date:	End of Day Activity	Complete	Comments
7/8/2010	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	X
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	X
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	X
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	X
(Day Shift) Performed By:	Sign: 	Date/Time: 07/08/10 1635	Print: Russell Watterman
(Day Shift) Reviewed By:	Sign: 	Date/Time: 7/8/10 1550	Print: LN Sutton
(Swing Shift) Performed By:	Sign: 	Date/Time: 7/8/10 0:39	Print: Jeff McShorn
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 07/09/10 0050	Print: Brett L. Jenkins

\* Any transient combustibles found must be removed within 8 hours of identification.  
 \* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 7/7/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 m); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 7/7/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat		
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓			
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓			
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓			
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓			
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓			
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓			
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓			
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓			
		MO-444					
		MO-446					







Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 7/7/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	X
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	X
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	X
	Transient combustibles are removed. [TSR AC 5.7.1]	X
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	X
	Ensure portable heater units in 2404-WB are turned OFF.	X
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	X
	For MO-610: Personnel access doors are closed and locked.	X
	Ensure all floodlights are turned OFF.	X
	Gates are closed and locked.	X
Performed By: JEFF McSwain	Sign: 	Date/Time: 7/7/10 11:50a
Reviewed By:	Sign: 	Date/Time: 07/08/10 0038
Comments:		

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 7/7/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
End of Shift Activity			
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 07/07/10 1630	Print: Russell Waltherman
(Day Shift) Reviewed By:	Sign: 	Date/Time: 7/7/10 1615	Print: LN Sutton
(Swing Shift) Performed By:	Sign: 	Date/Time: 7/8/10 0:29	Print: JEFF McSHOON
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 07/08/10 0038	Print: Brett L. Jenkins

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 7/11/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

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Effective Date: 6/8/2010

**Appendix D - Daily 2404-WBWC Area Inspection (Continued)**  
 (3 pages total)

Surveillance Date: 7/7/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	


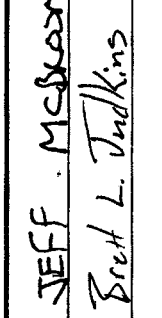


Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area





Surveillance Date: 7/7/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	X
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	X
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	X
	Transient combustibles are removed. [TSR AC 5.7.1]	X
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	X
	Ensure portable heater units in 2404-WB are turned OFF.	X
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	X
	For MO-610: Personnel access doors are closed and locked.	X
	Ensure all floodlights are turned OFF.	X
	Gates are closed and locked.	X
Performed By: JEFF McShan	Sign: 	Date/Time: 7/7/10 11:52 AM
Reviewed By:	Sign: 	Date/Time: 07/08/10 0038
Comments:		

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 7/7/2010		Complete	Comments
End of Day Activity			
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]		✓	
Inspect facility for general housekeeping [TSR AC 5.7.1]		✓	
End of Shift Activity			
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *		✓	✓
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)		✓	✓
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *		✓	✓
Ensure exterior facility doors are closed and locked (except for administrative area).		✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 07/07/10 1630	Print: Russell Watterman
(Day Shift) Reviewed By:	Sign: 	Date/Time: 7/7/10 1615	Print: LN Sutton
(Swing Shift) Performed By:	Sign: 	Date/Time: 7/8/10 0:29	Print: JEFF MCBROON
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 07/08/10 0038	Print: Brent L Jenkins

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.



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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: <a href="#">Click here to enter a date.</a>	7/06/10	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	Location	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	X	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	X	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	

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**Appendix D - Daily 2404-WB/WC Area Inspection (Continued)**  
 (3 pages total)

Surveillance Date: Click here to enter a date.	7/04/10	Item of Inspection	Expected Condition/Reading	Sat	Unsat
Location					
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	X	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	X	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]		Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	X	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	X	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	X	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	X	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)

(3 pages total)

Surveillance Date: Click here to enter a date.

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	N/A	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By:	Sign: <i>Lucas A Collins</i>	Print: Lucas A Collins	Date/Time: 7/6/10	6:22pm
Reviewed By:	Sign: <i>M. [Signature]</i>	Print: LN Sutton	Date/Time: 7/6/10	10:00

Comments:

Restricted Access due to construction



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Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: Click here to enter a date.	7-6-2010	End of Day Activity	Complete	Comments
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]			X	
Inspect facility for general housekeeping [TSR AC 5.7.1]			X	
End of Shift Activity				
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *			X	X
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)			X	X
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*			X	X
Ensure exterior facility doors are closed and locked (except for administrative area).			X	X
(Day Shift) Performed By:	Sign: <i>Lucas A Collins</i>	Print: Lucas A Collins	Date/Time: 7/06/10	1610
(Day Shift) Reviewed By:	Sign: <i>LN Sutton</i>	Print: LN Sutton	Date/Time: 7/6/10	1610
(Swing Shift) Performed By:	Sign: <i>JEFF McSweeney</i>	Print: JEFF McSweeney	Date/Time: 7-6-10	11:51
(Swing Shift) Reviewed By:	Sign: <i>Brent L. Jenkins</i>	Print: Brent L. Jenkins	Date/Time: 07/07/10	0033

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

**JULY 5**

**HOLIDAY**

**FACILITY CLOSURE**

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix D - Daily 2404-WB/WC Area Inspection (Continued)

(3 pages total)

Surveillance Date: <small>Click here to enter a date.</small>	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By:	Sign: <i>[Signature]</i>	Print: Dennis Gray	Date/Time: 07/02/10 1030	
Reviewed By:	Sign: <i>[Signature]</i>	Print: Steven B. Conner	Date/Time: 7/2/10 1532	
Comments:	Construction Zone			
	<i>[Signature]</i>			



Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: <a href="#">Click here to enter a date.</a>	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	NA
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	NA
	End of Shift Activity	Day Shift	Swing Shift
	transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	NA
	check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.*	✓	✓
	All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	insure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	insure exterior facility doors are closed and locked (except for administrative area).	✓	✓
Day Shift) Performed By:	Sign: <i>[Signature]</i>	Date/Time: 07/02/10	1500
Day Shift) Reviewed By:	Sign: <i>[Signature]</i>	Date/Time: 7/2/10	1534
Swing Shift) Performed By:	Sign:	Date/Time:	
Swing Shift) Reviewed By:	Sign:	Date/Time:	

Any transient combustibles found must be removed within 8 hours of identification. This inspection requirement is to be performed at the end of each shift when worked.

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Effective Date: 6/8/2010

**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection (Continued)**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
MO-444	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	


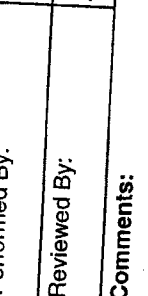


# WRP1-SV-1603 Facility Inspection

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## Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: <small>Click here to enter a date.</small>	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	<input checked="" type="checkbox"/>
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	<input checked="" type="checkbox"/>
	Transient combustibles are removed. [TSR AC 5.7.1]	<input checked="" type="checkbox"/>
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	<input checked="" type="checkbox"/>
	Ensure portable heater units in 2404-WB are turned OFF.	<input checked="" type="checkbox"/>
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	<input checked="" type="checkbox"/>
	For MO-610: Personnel access doors are closed and locked.	<input checked="" type="checkbox"/>
	Ensure all floodlights are turned OFF.	<input checked="" type="checkbox"/>
	Gates are closed and locked.	<input checked="" type="checkbox"/>
Performed By:	Sign: 	<input checked="" type="checkbox"/>
Reviewed By:	Sign: 	<input checked="" type="checkbox"/>
Comments:	Print: Josh Kouis Print: Bret L. Judkins	<input checked="" type="checkbox"/>
	Date/Time: 7/2/10 0010	
	Date/Time: 07/02/10 0021	

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: <a href="#">Click here to enter a date.</a>	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 07/01/10	14:30
(Day Shift) Reviewed By:	Sign: 	Date/Time: 07/01/10	1615
(Swing Shift) Performed By:	Sign: 	Date/Time: 7-2-10	0020
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 07/02/10	6022

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.



Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/30/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 6/30/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area





Surveillance Date: 6/30/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign: <i>[Signature]</i> Print: Dennis Gray	Date/Time: 6-30-10 1525
Reviewed By:	Sign: <i>[Signature]</i> Print: LN Sutton	Date/Time: 6/30/10 1555
Comments:	Swing <i>[Signature]</i> Josh Kouvis 6/30/10 2356 <i>[Signature]</i> Brett L. Jenkins 04/30/10 0033	
	* Not able to check S-R. AREA due to being on Restricted Access	

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 6/30/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 6-30-10	1530
(Day Shift) Reviewed By:	Sign: 	Date/Time: 6/30/10	1555
(Swing Shift) Performed By:	Sign: 	Date/Time: 6/30/10	2355
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 06/30/10	0033

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/29/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 6/29/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	





Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area





Surveillance Date: 6/29/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign: <i>[Signature]</i> Print: DENNIS GRAY	Date/Time: 6/29/10 1410
Reviewed By:	Sign: <i>[Signature]</i> Print: STEVEN B CARTER	Date/Time: 6/29/10 1545
Comments:	Swing completed by <i>[Signature]</i> Josh Kovis 6/29/10 2330	
	<i>[Signature]</i> Brett L. Jenkins 6/30/10 0050	

Facility Inspection

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Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 6/29/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 6-29-10	1550
(Day Shift) Reviewed By:	Sign: 	Date/Time: 6-29-10	1550
(Swing Shift) Performed By:	Sign: 	Date/Time: 6/30/10	0005
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 6/30/10	0050

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

\*Key 150 manifest out process Area

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## Facility Inspection

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### Appendix D - Daily 2404-WB/WC Area Inspection (3 pages total)

Surveillance Date: <a href="#">Click here to enter a date.</a>	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

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Effective Date: 6/8/2010

**Appendix D - Daily 2404-WB/WC Area Inspection (Continued)**  
 (3 pages total)



Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
MO-444	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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**Appendix E - End of Work Day Activities for 2404-WBWC Area**





Surveillance Date: <small>Click here to enter a date.</small>	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign:  Print: Josh Kovis	Date/Time: 6-28-10 0032
Reviewed By:	Sign:  Print: Brett L. Jenkins	Date/Time: 06/29/10 0041
Comments:	<p>✓ I under construction</p> <p>Due to 2404 W.C. being placed on Restricted access NO</p> <p>end of day inspection was completed on that building</p>	

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: <a href="#">Click here to enter a date.</a>	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	<b>End of Shift Activity</b>		
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	* ✓	* ✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 06-28-10	1620
(Day Shift) Reviewed By:	Sign: 	Date/Time: 06-28-10	1632
(Swing Shift) Performed By:	Sign: 	Date/Time: 6-29-10	0033
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 06/29/10	0042

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

\* Key 876 still checked out to H. North

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date:	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
6/25/2010	2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	



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**Appendix D - Daily 2404-WBWC Area Inspection (Continued)**  
 (3 pages total)

Surveillance Date: 6/25/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	NA	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 6/25/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		N/A	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.	N/A		
Performed By:	Sign:	Print:		Date/Time:	
Reviewed By:	Sign:	Print:		Date/Time:	
Comments: MO-610 IN CONSTRUCTION AREA.					
PROCESS AREA + BLDG 2404 CUB IN STAND BY MODE.					
BL 6/25/10 1515					

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 6/25/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	<input checked="" type="checkbox"/>	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	<input checked="" type="checkbox"/>	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	<input checked="" type="checkbox"/>	
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	<input checked="" type="checkbox"/>	
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	<input checked="" type="checkbox"/>	
	Ensure exterior facility doors are closed and locked (except for administrative area).	<input checked="" type="checkbox"/>	
(Day Shift) Performed By:	Sign: <i>[Signature]</i>	Date/Time: 6/25/10	15:00
(Day Shift) Reviewed By:	Sign: <i>[Signature]</i>	Date/Time: 6/25/10	1515
(Swing Shift) Performed By:	Sign: <i>[Signature]</i>	Date/Time:	
(Swing Shift) Reviewed By:	Sign:	Date/Time:	

\* Any transient combustibles found must be removed within 8 hours of identification.  
 \* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/24/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection (Continued)**  
 (3 pages total)

Surveillance Date: 6/24/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	


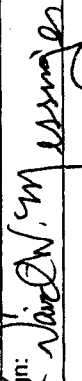




Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: 6/24/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign:  Print: Russell Walters	Date/Time: 06/24/10 1530
Reviewed By:	Sign:  Print: David W. Messinger	Date/Time: 6-24-10 1701
Comments:	 Richard T. Hartman SK  Indkino, Brett L.	06-24-10 2330 06/25/10 0030



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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 6/24/2010		Complete	Comments
End of Day Activity			
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]		✓	✓
Inspect facility for general housekeeping [TSR AC 5.7.1]		✓	✓
End of Shift Activity			
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *		✓	✓
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)		✓	✓
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*		✓	✓
Ensure exterior facility doors are closed and locked (except for administrative area).		✓	✓
(Day Shift) Performed By:	Sign: <i>[Signature]</i>	Date/Time: 06/24/10 1530	Print: Russell waite
(Day Shift) Reviewed By:	Sign: <i>[Signature]</i>	Date/Time: 6-24-10 1701	Print: David W. Messinger
(Swing Shift) Performed By:	Sign: <i>[Signature]</i>	Date/Time: 6-24-10 2330	Print: Richard T. Hartman SD
(Swing Shift) Reviewed By:	Sign: <i>[Signature]</i>	Date/Time: 06/25/10 0030	Print: Brent L. Jenkins

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/23/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat	
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓		
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓		
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓		
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	







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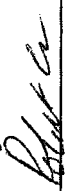

**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date: 6/23/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign:  Print: Russell Walteman Date/Time: 06/23/10 1520	
Reviewed By:	Sign:  Print: LN Sutton Date/Time: 6/23/10 1530	
Comments:	 Robert Cox Date/Time: 6/23/10 2155	
	 Brent L. Jenkins Date/Time: 06/23/10 0050	

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 6/23/2010		Complete	Comments
End of Day Activity			
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]		✓	✓
Inspect facility for general housekeeping [TSR AC 5.7.1]		✓	✓
End of Shift Activity		Day Shift	Swing Shift
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *		✓	✓
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)		✓	✓
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*		✓	✓
Ensure exterior facility doors are closed and locked (except for administrative area).		✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 06/23/10	1530
(Day Shift) Reviewed By:	Sign: 	Date/Time: 6/23/10	1530
(Swing Shift) Performed By:	Sign: 	Date/Time: 6/23/10	2425
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 06/24/10	0050

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 6/22/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 m); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 6/22/2010	Location	Item of inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
MO-444		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
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Surveillance Date: 6/22/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.		①	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.			
Performed By:	Sign: <i>[Signature]</i>	Print: Russell Waltherman	Date/Time: 06/22/10 1045		
Reviewed By:	Sign: <i>[Signature]</i>	Print: LN Sutton	Date/Time: 6/22/10 1515		
Comments:	① Area under construction				

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**Facility Inspection**

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**Appendix E - End of Work Day Activities for 2404-WB/WC Area**





Surveillance Date: 6/22/2010	Activity	Completed	Swing
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓	✓
	For MO-610: Personnel access doors are closed and locked.	✓	✓
	Ensure all floodlights are turned OFF.	✓	✓
	Gates are closed and locked.	✓	✓
Performed By:	Sign:  Print: Russell Welterman	Date/Time: 06/22/10 1511	
Reviewed By:	Sign:  Print: M De	Date/Time: 6/22/10 1545	
Comments:	 David J. Brown 6/22/10 0022  Beth L. Jenkins 6/22/10 0024		

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 6/22/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 06/22/10 1530	
(Day Shift) Reviewed By:	Sign: 	Date/Time: 6/22/10 1545	
(Swing Shift) Performed By:	Sign: 	Date/Time: 6/22/10 0022	
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 06/22/10 0024	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
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Surveillance Date: Click <i>here</i> to enter a date.	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: Click here to enter date.	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
	2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: <i>06/21/10 to 06/22/10</i>	Activity	Completed	Swing
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓	✓
	For MO-610: Personnel access doors are closed and locked.	✓	✓
	Ensure all floodlights are turned OFF.	✓	✓
	Gates are closed and locked.	✓	✓
Performed By:	<i>[Signature]</i>	Date/Time:	<i>06/21/10 1515</i>
Reviewed By:	<i>[Signature]</i>	Date/Time:	<i>6/24/10 1555</i>
Comments:	<i>JL KLENSCY</i>		
	<i>Dead Bird in 2404 WC - Northwest Corner - Could not find Close to Remove it</i>		
	<i>[Signature]</i>		
	<i>Brit L. Jenkins 06/22/10 0035</i>		

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: <i>6/8/2010 to 6/8/2010</i>	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS. All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: <i>[Signature]</i>	Date/Time: 06/21/10 1930	
(Day Shift) Reviewed By:	Sign: <i>[Signature]</i>	Date/Time: 6/21/10 1555	
(Swing Shift) Performed By:	Sign: <i>[Signature]</i>	Date/Time: 6/21/10 0030	
(Swing Shift) Reviewed By:	Sign: <i>[Signature]</i>	Date/Time: 06/22/10 0035	

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

*Sign Out @ Ship/Rec Loading Dock, Door # 10 + Door # 44*



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Appendix D - Daily 2404-WB/WC Area Inspection  
 (3 pages total)

Surveillance Date: 6/18/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]		Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]		Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]		Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]		Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]		8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 6/18/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat		
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓			
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓			
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓			
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓			
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓			
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓			
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓			
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓			
		MO-444				✓	
		MO-446				✓	



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Appendix E - End of Work Day Activities for 2404-WBWC Area

Surveillance Date: 6/18/2010	Activity	Completed	Signatures
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓	
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓	
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓	
	Transient combustibles are removed. [TSR AC 5.7.1]	✓	
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓	
	Ensure portable heater units in 2404-WB are turned OFF.	✓	
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓	
	For MO-610: Personnel access doors are closed and locked.	✓	
	Ensure all floodlights are turned OFF.	✓	
	Gates are closed and locked.	✓	
Performed By:	Sign: <i>[Signature]</i>	Date/Time: 6/18/10 1515	Print: Kari Steffens
Reviewed By:	Sign: <i>[Signature]</i>	Date/Time: 6-18-10 / 1518	Print: David W. Messinger
Comments:	<i>[Signature]</i>		
	<i>[Signature]</i>		
	6-18-10 2318		
	06/18/10 2328		

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 6/18/2010		Complete	Comments
End of Day Activity			
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]		✓	✓
Inspect facility for general housekeeping [TSR AC 5.7.1]		✓	✓
End of Shift Activity		Day Shift	Swing Shift
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *		✓	✓
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)		✓	✓
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*		✓	✓
Ensure exterior facility doors are closed and locked (except for administrative area).		✓	✓
(Day Shift) Performed By:	Sign: <i>[Signature]</i> Print: Kari Steffens	Date/Time: 6/18/10	15:10
(Day Shift) Reviewed By:	Sign: <i>[Signature]</i> Print: David W. Messenger	Date/Time: 6-18-10	1518
(Swing Shift) Performed By:	Sign: <i>[Signature]</i> Print: Robert T. A. J. J.	Date/Time: 6-18-10	2317
(Swing Shift) Reviewed By:	Sign: <i>[Signature]</i> Print: Brett L. Jenkins	Date/Time: 6/18/10	2329

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
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Surveillance Date: 6/17/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	↘	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	↘	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	↘	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	↘	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	↘	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	↘	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	↘	

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 6/17/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat		
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓			
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓			
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓			
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓			
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓			
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓			
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓			
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓			
		MO-444				✓	
		MO-446				✓	







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**Appendix D - Daily 2404-WB/WC Area Inspection**  
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Surveillance Date: 6/16/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection (Continued)**  
 (3 pages total)

Surveillance Date: 6/16/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
MO-444		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	




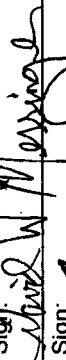




Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 6/16/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
	End of Shift Activity	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2VW043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 6/16/10 15:15	Print: Frank Fernandez
(Day Shift) Reviewed By:	Sign: 	Date/Time: 6-16-10 2057	Print: David W. Messinger
(Swing Shift) Performed By:	Sign: 	Date/Time: 6-16-10 00:00	Print: Bryan Hayden
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 6/17/10 0121	Print: Tim Fulton

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Surveillance Date: 6/15/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 6/15/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	NA	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	





Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WBWC Area

Surveillance Date: 6/15/2010	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign: <i>Robert Cox</i> Print: Robert Cox	Date/Time: 6/15/10 2418
Reviewed By:	Sign: <i>Tim Falton</i> Print: Tim Falton	Date/Time: 6/16/10 0128
Comments:		

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Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 6/15/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	<b>End of Shift Activity</b>		Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: <i>[Signature]</i>	Date/Time: 6-15-10	13:30
(Day Shift) Reviewed By:	Sign: <i>David W. Messinger</i>	Date/Time: 6-15-10	1444
(Swing Shift) Performed By:	Sign: <i>[Signature]</i>	Date/Time: 6/15/10	2435
(Swing Shift) Reviewed By:	Sign: <i>Tim Falton</i>	Date/Time: 6/15/10	0121

\* Any transient combustibles found must be removed within 8 hours of identification.  
\* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection (Continued)**  
 (3 pages total)

Surveillance Date: 6/14/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	✓
		The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	✓
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	N/A	✓
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	✓
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	✓
		FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	✓
MO-444		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	✓
MO-446		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	✓

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)





Surveillance Date: 6/14/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.		
Performed By:	Sign: <i>[Signature]</i>		Print: <i>SAM HOBBS</i>	Date/Time: 6/14/10 10:20	
Reviewed By:	Sign: <i>[Signature]</i>		Print: <i>David W. Messenger</i>	Date/Time: 6-14-10 18:25	
Comments:	<p>MO-444 SPEAKERS STILL IN OT. (SCHEDULED FOR MAINT DWM)</p> <p>HVAC ROOM # 203 - MCC-11-102 PANEL I E RED LIGHT COVER BEING FORWARDED TO MONT DWM</p> <p>MECHANICAL EQUIPMENT ROOM # 118 - FW-GTV-601 MAIN WATER CONTROL VALVE STILL SEeping WATER AT STEM (SCHEDULED FOR MAINT DWM)</p> <p>BLDG 2404 WC - HOUSE KEEPING IS LACKING IN FLOOR, GENERAL TRASH ON FLOOR (PAPER, WOOD STEEL STRIPS LEFT IN FLOOR, GENERAL TRASH ON FLOOR (PAPER, WOOD PIECES, PLASTE ETC...)) (MADE NOTIFICATION TO FM &amp; WORKERS IN AREA DWM)</p>				



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**Appendix F - End of Work Shift/Day Activities**

Surveillance Date: 6/14/2010	End of Day Activity	Complete	Comments
	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	✓
	Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	✓
	<b>End of Shift Activity</b>	Day Shift	Swing Shift
	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
	Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
	Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 6/14/10 15:58	
(Day Shift) Reviewed By:	Sign: 	Date/Time: 06/14/10 1640	
(Swing Shift) Performed By:	Sign: 	Date/Time: 6/15/10 2400	
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 06/15/10 2400	

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.



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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: <a href="#">Click here to enter a date.</a>	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection (Continued)**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date: <small>Click here to enter a date.</small>	Activity	Completed
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign: <i>Dennis Gray</i> Print: DENNIS GRAY Date/Time: 06-11-10 1555	
Reviewed By:	Sign: <i>Steven B Carter</i> Print: STEVEN B CARTER Date/Time: 06-11-10 1556	
Comments:	Key # 4 still checked out to CONSTRUCTION WORK AT THE RTR SITE <i>SK 6/11/10</i>	

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: <a href="#">Click here to enter a date.</a>		Complete	Comments
End of Day Activity			
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]		✓	
Inspect facility for general housekeeping [TSR AC 5.7.1]		✓	
End of Shift Activity		Day Shift	Swing Shift
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *		✓	
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)		✓	
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*		✓	
Ensure exterior facility doors are closed and locked (except for administrative area).		✓	
(Day Shift) Performed By: <i>[Signature]</i>	Sign: <i>[Signature]</i>	Date/Time: 06-11-10 1555	Print: DENNIS GRAY
(Day Shift) Reviewed By: <i>[Signature]</i>	Sign: <i>[Signature]</i>	Date/Time: 0-11-10 1556	Print: STEVEN B CARTER
(Swing Shift) Performed By: <i>[Signature]</i>	Sign: <i>[Signature]</i>	Date/Time: NA	Print: NA
(Swing Shift) Reviewed By: <i>[Signature]</i>	Sign: <i>[Signature]</i>	Date/Time: NA	Print: NA

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

Key #4 still checked out to construction working a HE RTR SIG.  
SBL 6/11/10 1555 hrs

**WRP1-SV-1603**  
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**Appendix D - Daily 2404-WB/WC Area Inspection**  
(3 pages total)

Surveillance Date: 6/10/2010		Expected Condition/Reading	Sat	Unsat
Location	Item of Inspection			
2404-WB	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
	FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

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**Appendix D - Daily 2404-WB/WC Area Inspection (Continued)**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat	
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓		
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓		
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓		
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓		
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓		
	MO-444			✓	
	MO-446			✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: 6/10/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
MO-610	General housekeeping, egress routes [TSR AC 5.7.1]		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	<input checked="" type="checkbox"/>	
	Record dewar number, level, and pressure.		Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. <i>REFERENCE PIPING</i>		
Performed By:	Sign: <i>Kari Steffens</i>		Print: <i>Kari Steffens</i>	Date/Time: 6/10/10 09:15	
Reviewed By:	Sign:		Print:	Date/Time:	
Comments:	<p>① was not able to access MO-610 due to construction</p> <p>② see #1</p> <p>Limiting Access Due To Construction. Not Requiring Surveillance For Duration of Construction Work. Will Request Construction Workers To Move Key Area Every Shift and Continue To Perform Surveillance from Outside Construction Zone. <i>(DM)</i></p>				



**WRP1-SV-1603**  
**Facility Inspection**

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**Appendix E - End of Work Day Activities for 2404-WB/WC Area**

Surveillance Date: 6/10/2010	Activity	Completed	Signature
	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓	
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓	
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓	
	Transient combustibles are removed. [TSR AC 5.7.1]	✓	
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓	
	Ensure portable heater units in 2404-WB are turned OFF.	✓	
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓	
	For MO-610: Personnel access doors are closed and locked.	3 N/A	N/A
	Ensure all floodlights are turned OFF.	✓	
	Gates are closed and locked.	✓	
Performed By:	Sign: <i>Kari Steffes</i>	Date/Time: 6/10/10 1530	2329
Reviewed By:	Sign: <i>David W. Messinger</i>	Date/Time: 6-10-10 1628	
Comments:	③ unable to access MO-610 due to construction NOT RE-INSPECTED DURING CONSTRUCTION WORK - DIMY <i>Robert Tacheil</i> Robert Tacheil Brett L. Jenkins 6-10-10 2329 6/10/10 2332		

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**Appendix F - End of Work Shift/Day Activities**

Surveillance Date: 6/10/2010		Complete	Comments
<b>End of Day Activity</b>			
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]		✓	✓
Inspect facility for general housekeeping [TSR AC 5.7.1]		✓	✓
<b>End of Shift Activity</b>		Day Shift	Swing Shift
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *		✓	✓
Check status of all security keys (#1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)		✓	✓
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*		✓	✓
Ensure exterior facility doors are closed and locked (except for administrative area).		✓	✓
(Day Shift) Performed By:	Sign: 	Date/Time: 6/10/10 16:10	Print: Kari Steffens
(Day Shift) Reviewed By:	Sign: 	Date/Time: 6-10-10 1631	Print: David W. Messinger
(Swing Shift) Performed By:	Sign: 	Date/Time: 6-10-10 2329	Print: Robert Tache
(Swing Shift) Reviewed By:	Sign: 	Date/Time: 06/10/10 2335	Print: Brett L. Jenkins

\* Any transient combustibles found must be removed within 8 hours of identification.  
 \* This inspection requirement is to be performed at the end of each shift when worked.

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection  
(3 pages total)

Location	Surveillance Date: Click here to enter a date.	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB	6/9/10	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	

Facility Inspection

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)  
(3 pages total)

Surveillance Date: <a href="#">Click here to enter a date.</a>	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
MO-444	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	



Facility Inspection

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Appendix E - End of Work Day Activities for 2404-WB/WC Area

Surveillance Date: <a href="#">Click here to enter a date.</a>	Activity	Completed
6/9/10	Inspect facility for general housekeeping. [TSR AC 5.7.1]	✓
	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	✓
	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern. [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	✓
	Transient combustibles are removed. [TSR AC 5.7.1]	✓
	For 2404-WB: During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	✓
	Ensure portable heater units in 2404-WB are turned OFF.	✓
	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	✓
	For MO-610: Personnel access doors are closed and locked.	✓
	Ensure all floodlights are turned OFF.	✓
	Gates are closed and locked.	✓
Performed By:	Sign: <i>Kari Steffens</i> Print: Kari Steffens Date/Time: 6/9/10 1530	
Reviewed By:	Sign: <i>IN Sitten</i> Print: IN Sitten Date/Time: 6/9/10 1620	
Comments:	Bryan Hayden Brent L. Jenkins 6/9/10 2500 06/09/10 2510	

Facility Inspection

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: <small>Click here to enter a date</small>	Complete	Comments
6/9/10 End of Day Activity Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	✓	
Inspect facility for general housekeeping [TSR AC 5.7.1]	✓	
End of Shift Activity	Day Shift	Swing Shift
Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	✓	✓
Check status of all security keys (1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	✓	✓
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	✓	✓
Ensure exterior facility doors are closed and locked (except for administrative area).	✓	✓
(Day Shift) Performed By: <i>Kari Steffens</i> Sign: <i>Kari Steffens</i>	Date/Time: 6/9/10	16:00
(Day Shift) Reviewed By: <i>W. S. Sutton</i> Sign: <i>W. S. Sutton</i>	Date/Time: 6/9/10	16:20
(Swing Shift) Performed By: <i>Bryan Hudgic</i> Sign: <i>Bryan Hudgic</i>	Date/Time: 6/9/10	23:00
(Swing Shift) Reviewed By: <i>Bret L. Twilkins</i> Sign: <i>Bret L. Twilkins</i>	Date/Time: 6/9/10	23:10

\* Any transient combustibles found must be removed within 8 hours of identification.

\* This inspection requirement is to be performed at the end of each shift when worked.

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**Appendix D - Daily 2404-WB/WC Area Inspection**  
 (3 pages total)

Surveillance Date: 9/30/2010	Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WB		General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
		Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
		The maximum quantity of fuel for vehicles allowed in and outside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
		Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
		Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
		Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]	Spacing between zones is a minimum 12 ft (3.7 m); this space is free of stored combustibles	✓	
		FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404-WB (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	



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**Appendix D - Daily 2404-WB/WC Area Inspection (Continued)**  
 (3 pages total)

Location	Item of Inspection	Expected Condition/Reading	Sat	Unsat
2404-WC	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
	The maximum quantity of fuel for vehicles allowed inside the building is 125 gal. Specific management approval will be obtained and spotters present while > 26 gal of fuel is present inside the building. [TSR SAC 5.6.3.d]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	✓	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	✓	
	Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.7]	Drums and boxes are stacked no more than three high. Stacked drums must be on pallets and the 3rd tier must be horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded together with vertical metal bands in a cross pattern.	✓	
	Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.10]	Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	✓	
MO-444	FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes other than 8 ft)	✓	
	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	
MO-446	General housekeeping, egress routes [TSR AC 5.7.1]	Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	✓	

