#### This document was too large to scan as a single document. It has been divided into smaller sections.

#### **SECTION 5 of 5**

	Document	Information	
Document #	FOIA2011-01376	Revision	_
Title	FREEDOM OF INFORM [SEC. 5 OF 5]	ATION ACT REQUEST	(FOI 2011-01376)
Date	07/26/2011		
Originator	RIEHLE DC	Originator Co.	DOE-RL
Recipient	O'BRIEN L	Recipient Co.	НОА
References	4, WRP1-SV-1706, 0 2404-WC, 5, SW-04 PHMC-SOLIDWAST SOLIDWASTE-2010	0-043, W-040-043, E-2008-0007, EM-R	6, EM-RL— RL—PHMC-
Keywords	OCE, FOIA, SENSIT	IVE	
Projects			
Other Information			

Attachment V (continued)

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#### Facility Inspection

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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. 9. < 0 10	
	Completed
Inspect facility for general housekeeping. ITSR AC 5.7.11	>
Aisle space hetween 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 5.7.11	
For 2404-WR. During June 1 through September 1, ensure the building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	<b>\</b>
For irre portable heater units in 2404-WB are turned OFF.	>
Ensure inferior 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	
Sign: MATT CORCOLLAN	Date/Time: 9-30-10 2350
Reviewed By: Signiff S	Date/Time: 10 /01 / 10 00: 2.(
Comments:	

#### **Facility Inspection**

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Appendix F - End of Work Shift/Day Activities

Surveillance Date: 9/30/2010				
	End of Day Activity		Complete	Comments
Review Radiologic Inventory Sun	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	R AC 5.6.2]	7	7
Inspect facility for general housekeeping [TSR AC 5.7.1]	keeping [TSR AC 5.7.1]		7	>
	End of Shift Activity		Day Shift	Swing Shift
Transient combustible materials	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	C 5.7.1] *	7	
Check status of all security keys All keys on Key #1 and #2 have t	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)	Key box to DOS.*	7	7
Fusive all keys are returned to C	Figure all keys are returned to Controlled Key Box OR status is recorded in key log. *		7	7
Ensure exterior facility doors are closed and locked (except fo	closed and locked (except for administrative area).		7	7
(Day Shift) Performed By:	1801	Print. Diele Wies	Date/Time:	2532
(Day Shift) Reviewed By:	Sign: 77 DD.	Print: LV Sthan	Date/Time; 1/30/1 ∪	1553
(Swing Shift) Performed By:	Sign: Print:	H. MART CORCORAN	Date/Time: $\frac{9}{30}$	23.50
(Swing Shift) Reviewed By:	Sign: Print:	It Breth L. Julkins	Date/Time: 10/01/10	1200

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

### WRP1-SV-1603

### COPY Facility Inspection

Effective Date: 6/8/2010

Surveillance Date: 9/29/2010	3/2010			
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]	rea elastomer type sprayed-on 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.	7	
	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 pattem.	)	
	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.	7	
	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	7	
	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)	7	

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Published Date: 6/8/2010

Surphillong Date: 0/20	JO040			
Surveillance Date: 3/23/2010	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.	7	
	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.	7	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14] combustible metal pallets or directly on the floor.	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	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.	7	
	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.	7	
	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.	7	
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	

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Surveillance Date: 9/29/2010	9/2010		
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.	7
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. $  \chi_{\rm c}  _{\rm color}   \chi_{\rm color}  _{\rm color}$	
Performed By:	Sign: Charle Collais	Print: Nick 611EC	Date/Time:
Reviewed By:	Sign: 77 J. D. D.	Print: LN Sultan	Date/Time: 9/24/10 (6.00
Comments:			
,			

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

Surveillance Date: 9/29/2010	
Activity	Completed
Inspect facility for general housekeeping. [TSR AC 5.7.1]	7
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. <b>ITSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7</b> ]	
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: Sign: Sym Habbbs	Date/Time; 9/29/10 11:59
Reviewed By: Sign:	'
Comments:	

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Effective Date: 6/8/2010

Published Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 9/29/2010			-
End of Day Activity	ivity	Complete	Comments
Review Radiologic Inventory Summary (DMS screen 1100), and verify limi	id verify limits not exceeded [TSR AC 5.6.2]	/	
Inspect facility for general housekeeping [TSR AC 5.7.1]		\	
End of Shift Activity	tivity	Day Shift	Swing Shift
Transient combustible materials separated from outside storage area by a	le area by at least 33 ft. [TSR AC 5.7.1] ★	7	
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)	eys not found in the Controlled Key box to DOS.* 2W043124 (#6 and #7)	7	
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *	n key log. *		
Ensure exterior facility doors are closed and locked (except for administrative area).	ive area).	7	
(Day Shift) Performed By: Sign:	Print: SAm HOBBS	Date/Time: 9/21/10	95;51
(Day Shift) Reviewed By: Sign:	Print: LN Suth	Date/Time:	1600
(Swing Shift) Performed By: Sign:	Print: Spor Horse	Date/Time: 9 /29 /w	11:59
(Swing Shift) Reviewed By: Sign:	Print: Breth L. Judins	Date/Time:	2008

\* 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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Surveillance Date: Click here to enter a date.	where to enter a date. $9-27-10$		
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 1.3.1.14]	ea elastomer type sprayed-on Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	7
	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 5.6.3.4]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	7
	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 pattem.	7
	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.	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	7
	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)	1

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Surveillance Date: Click here to enter a date.	k here to enter a date. $9-27-6$		
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] combustible metal pallets or directly on the floor.	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 pattem.	
	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)	otal)		
Surveillance Date:	Surveillance Date: Click here to enter a date. $9-27-10$			
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.	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: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Print: Mind Rounn	Date/Time: <b>9-27-10</b> 0001	000
Reviewed By:	Sign: Comment of the Sign:		Date/Time:	1600
Comments:				
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#### **Facility Inspection**

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. 7/97/10	enter a date. 1/97/10		
	Activity		Completed
Inspect facility for general housekeeping. [TSR AC 5.7.1]	seping. [TSR AC 5.7.1]		
Aisle space between rows of conta	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	FHA 1.3.1.10]	
Drums and boxes are stacked no r banding material. No single drums [TSR AC 5.6.4.a, SWOC FHA 1.3]	nore than 3 high. Stacked drums must be on page in the 3 <sup>rd</sup> tier unless the drum and pallet are ba 1.1.6, 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.  [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]	ed. [TSR AC 5.7.1]		/
For 2404-WB: During June 1 through September 1, ensure	igh September 1, ensure the building's West Ext	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.	04-WB are turned OFF.		/
Ensure interior building lights are C	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked	closed and locked.	
For MO-610: Personnel access doors are closed and locked.	oors are closed and locked.		
Ensure all floodlights are turned OFF.	FF.		
Gates are closed and locked.	, ,		
Performed By: Sign:	MAD	Print: Som HBBS	Date/Time: 9/28/10 00: 3.8
Reviewed By: Sign:	N. S.	Print: Frest Julkin	Date/Fime; Dii2
Comments:	1		11

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

Surveillance Date: Click here to enter a date. 9-27-10			
End of Day Activity		Complete	Comments
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	TSR AC 5.6.2]		Civil de
Inspect facility for general housekeeping [TSR AC 5.7.1]		12.	
End of Shift Activity		Dav Shift	Swing Shift
Transient combustible materials separated from outside storage area by at least 33 ft.   TSR AC 5.7.11 ★	AC 5.7.11 *	1	Julio Bullino
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)	ed Key box to DOS.*	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).		1	
(Day Shift) Performed By: Sign: P		Date/Time:	11.ml
(Day Shift) Reviewed By: Sign: 777 Mg	1 JOHN	Date/Time:	607
(Swing Shift) Performed By: Sign:	2/20	7 /2/1 (10 Date/Time;	1001
(Swing Shift) Reviewed By: Sign:	Print: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9/28/10 Date/Time: /	00:28
# X	Soft Julkin	Cabelli	ŗ.

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

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Location  General housekeeping, egress routes [TSR AC 5.7.1]  General housekeeping, egress routes [TSR AC 5.7.1]  General housekeeping, egress routes [TSR AC 5.7.1]  Waste containers coated with polyurea elastomer type sprayed-on roll right accumulations. Egress routes clear.  Waste containers coated with polyurea elastomer type sprayed-on Drums coated with polyurea must be stored on noncoatings [SWOC FHA 1.3.1.4]  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. ITSR SAC 5.6.3.4]  Drum and box stacking [TSR AC 5.6.4.4, SWOC FHA 1.3.1.6.  SWOC FHA 1.3.1.7]  Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.7]  Waste array zone specing and combustible loading represent when > 26 gal of fuel is present when > 26 gal of fuel is	Surveillance Date: 9/28/2010	/2010		
General housekeeping, egress routes [TSR AC 5.7.1]  Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]  The maximum quantity of tuel 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]  Drum and box stacking [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]  Aisle widths between rows of drum stacks or other containers [SWOC FHA 1.3.1.0]  Waste array zone spacing and combustible loading [TSR SAC 5.6.4.g]  FRP box storage separation from outside of 2404-WB (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17]	Location	Item of Inspection	Expected Condition/Reading Sat	t Unsat
n and outside val will be is present is present HA 1.3.1.6,	2404-WB		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	
n and outside is present is present HA 1.3.1.6, Containers	-	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.	
HA 1.3.1.6, containers		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.	
containers VB (metal		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 pattem.	
/B (metal		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 5.6.4.9]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	
אין סעופו וחומו סיון		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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	(S pages total)	al)		
Surveillance Date: 9/2	9/28/2010			
Location	Item of Inspection	Expected Condition/Reading	Sat L	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.	7	
	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 5.6.3.4]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	7	
	Waste containers coated with polyurea elastomer type sprayed-on Drums coated with polyurea must be stored on non-coatings [SWOC FHA 1.3.1.14] combustible metal pallets or directly on the floor.	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	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.	7	
	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.	1	
	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.	7	
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.	7	

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Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

# Appendix D - Daily 2404-WB/WC Area Inspection (Continued)

	(3 pages total)	tal)		
Surveillance Date: 9/28/2010				
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. $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$	W. You	
Performed By:	Sign: $\bigvee$	UM	Date/Time: 9- <b>28-</b> 10 <b>05</b> 30	530
Reviewed By:	Sign: My JAS	Print: LN Suffer	Date/Time: 1/28/10	
Comments:				
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#### Facility Inspection

Effective Date: 6/8/2010

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

Surveillance Date: 9/28/2010	010		
	Activity		Completed
Inspect facility for general h	Inspect facility for general housekeeping. [TSR AC 5.7.1]		7
Aisle space between rows	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	OC FHA 1.3.1.10]	7
Drums and boxes are stack banding material. No single ITSR AC 5.6.4.a, SWOC F	Drums and boxes are stacked no more than 3 high. Stacked drums must be on banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are ITSR 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. TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	7
Transient combustibles are	Transient combustibles are removed. [TSR AC 5.7.1]		7
For 2404-WB: During June	sure th	ie building's West Exhaust Fan #1 and East Exhaust Fan #2 are ON, as available.	7
Ensure portable heater unit	Ensure portable heater units in 2404-WB are turned OFF.		\
Ensure interior building ligh	Ensure interior building lights are ON, and personnel and vehicle access doors	licle access doors are closed and locked.	>
For MO-610: Personnel ac	For MO-610: Personnel access doors are closed and locked.		
Ensure all floodlights are turned OFF.	med OFF.		7
Gates are closed and locked.	d.		
Performed By:	Sign: Hell	Print Robelt Cox	Date/Time: 9-28-16 2348
Reviewed By:	Signer	Print Brt L. Judkas	Date/Tighe: / 004/
Comments:	,		, ,

#### WRP1-SV-1603

#### Facility Inspection

Effective Date: 6/8/2010

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

Surveillance Date: 9/28/2010					
		End of Day Activity		Complete	Comments
Review Radiologic Inventory Summary (DMS screen 1100), an	mmary (DMS screen 1100	), and verify limits not exceeded [TSR AC 5.6.2]	ed [TSR AC 5.6.2]		7
Inspect facility for general housekeeping [TSR AC 5.7.1]	keeping [TSR AC 5.7.1]			7	7
		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] *	separated from outside st	orage area by at least 33 ft. [T	SR AC 5.7.1] *	7	7
Check status of all security keys (1 and 101-104). Report any lall keys on Key #1 and #2 have to be accounted for as follows:	(1 and 101-104). Report to be accounted for as follows:	any keys not found in the Controlled Key box to DOS.* ows: 2W043124 (#6 and #7)	rolled Key box to DOS.*	1	7
Ensure all keys are returned to Controlled Key Box OR status	Controlled Key Box OR sta	tus is recorded in key log. *		1/	>
Ensure exterior facility doors are closed and locked (except for	closed and locked (excep	t for administrative area).		/	5
(Day Shift) Performed By:	Sign: \	\d \d \d \d	Print: MANIE Srown	Date/Time: <i>9-</i> 2 <i>8-</i> 70	1600
(Day Shift) Reviewed By:	Sign: MO	0	Print: LN S. HD	Date/Time:	1600
(Swing Shift) Performed By:	Sign: Blee		Print Robert Cox	Date/Time:	3440
(Swing Shift) Reviewed By:	Sign:		Print: Death L. Julkins	Date/Time: / 09/29///	11-00 91

\* 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)

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Surveillance Date: 9/24/2010	/2010			
Location	Item of Inspection	Expected Condition/Reading	Sat Ur	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 Combustible metal pallets or directly on the floor.		11/14	ì
	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 5.6.4.9]	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

Effective Date: 6/8/2010

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Surveillance Date: 9/24/2010	4/2010		
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 Drums coated with polyurea must be stored on non-coatings [SWOC FHA 1.3.1.14] combustible metal pallets or directly on the floor.	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	1/4
	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 pattem.	
	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.	
			The second secon

### WRP1-SV-1603

#### Facility Inspection

Effective Date: 6/8/2010

Surveillance Date: 9/24/2010	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.		
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. $12 + 34 + 21$		
Performed By:	Sign:	Print: SAM HOBBS	Date/Time: 9/スイルップバジ	051.45
Reviewed By:	Sign: SACL	Print: Starte B Colther	Date/Time: 1:	150
Comments:				

#### 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: 9/24/2010			A COLUMN TO THE RESIDENCE TO THE PARTY OF TH
ou remaine Date: 3/2-1/20			
,	Activity		Completed
Inspect facility for general ho	Inspect facility for general housekeeping. [TSR AC 5.7.1]		The state of the s
Aisle space between rows of	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	FHA 1.3.1.10]	
Drums and boxes are stacke banding material. No single [TSR AC 5.6.4.a, SWOC Fh	Drums and boxes are stacked no more than 3 high. Stacked drums must be on perbanding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are ba [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. [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]	moved. [TSR AC 5.7.1]		
For 2404-WB: During June 1	For 2404-WB: During June 1 through September 1, ensure the building's West Ext	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 2404-WB are turned OFF.		
Ensure interior building lights	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked	closed and locked.	
For MO-610: Personnel acc	For MO-610: Personnel access doors are closed and locked.		1
Ensure all floodlights are turned OFF.	ed OFF.		1
Gates are closed and locked.	0 110		1
Performed By:	Sign:	Print: Spm HUBBS	Date/Time; 14:45
Reviewed By:	Sign: Sheek	Print: STEWEN B COUTES	Date/Time: 1506
Comments:			

### WRP1-SV-1603

**Facility Inspection** 

Effective Date: 6/8/2010

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

Surveillance Date: 9/24/2010					
		End of Day Activity		Complete	Comments
Review Radiologic Inventory Sur	nmary (DMS scr	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	1 [TSR AC 5.6.2]		
Inspect facility for general housekeeping [TSR AC 5.7.1]	keeping [TSR A	\C 5.7.1]		1	
		End of Shift Activity		Day Shift	Swing Shift
Transient combustible materials separated from outside storag	separated from	outside storage area by at least 33 ft. [TSR AC 5.7.1] *	SR AC 5.7.1] *		NA
Check status of all security keys (1 and 101-104). Report any k All keys on Key #1 and #2 have to be accounted for as follows:	(1 and 101-104) to be accounted	. Report any keys not found in the Controlled Key box to DOS.* for as follows: 2W043124 (#6 and #7)	olled Key box to DOS.*		
Ensure all keys are returned to Controlled Key Box OR status	Controlled Key Bo	ox OR status is recorded in key log. *			,
Ensure exterior facility doors are closed and locked (except for	closed and lock	ed (except for administrative area).		\	>
(Day Shift) Performed By:	Sign:	100	Print: ( ) mm ( 1888	Date/Time: 9124/10	18:07
(Day Shift) Reviewed By:	Sign:	let	Print: Steven & Continu	Date/Time; 9/24/10	1507
(Swing Shift) Performed By:	Sign:	Ad	Print: 10[01/10	Date/Time:	
(Swing Shift) Reviewed By:	Sign:		Print:	Date/Time:	

NO Swing shift - Sel

<sup>\*</sup> 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



Effective Date: 6/8/2010

Surveillance Date: Click held to Bill after	k necay प्र कान्ड मं वर्गह			
Location	tem 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] combustible metal pallets or directly on the floor.	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	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.	7	
	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 pattem.	A	
	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.	7	
	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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Published Date: 6/8/2010

Effective Date: 6/8/2010

# Appendix D - Daily 2404-WB/WC Area Inspection (Continued)

	/ (3 pages total)	al)		
veillance Date: Cl	Surveillance Date: Click here p Angera pakes			
Location	tem 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 Drums coated with polyurea must be stored on non-coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	<u> </u>	
	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.	<b>`</b>	
	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.	1	
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.	<b>/</b>	
				and and and and

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Facility Inspection

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# Appendix D - Daily 2404-WB/WC Area Inspection (Continued)

Surveillance Date: Click her Po Profer a date	(3 pages total)	otal)		
Location		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. $ 3 + 1 - 3 $		
<sup>o</sup> erformed By:	sign: Ralet C		Date/Time: <b>9/26//// 15</b> ::	5.30
Reviewed By:	Sign: Blet	#N-	Date/Ťime: 7/23/∞	1556
Comments:				
·				

#### 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 heap to things to things to the parties.	
( / 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]	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. [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]	7
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.	7
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.	7
Gates are closed and locked.	
Performed By: Sign: CLAPE	Date/Time: 7-23-10 2319
Reviewed By: Sign: Print: Draft L. Judkins	0
Comments:	

Effective Date: 6/8/2010

#### WRP1-SV-1603

Facility Inspection

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

	/ /				
Surveillance Date: Click here perget date	O Step & Sally a				
		End of Day Activity		Complete	Comments
Review Radiologic Inventory Sur	nmary (DMS scre	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	1 [TSR AC 5.6.2]		/
Inspect facility for general housekeeping [TSR AC 5.7.1]	keeping [TSR AC	5.7.1]			7
		End of Shift Activity		Day Shift	Swing Shift
Transient combustible materials	separated from or	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	SR AC 5.7.1] *	1	7
Check status of all security keys (1 and 101-104). Report any last eys on Key #1 and #2 have to be accounted for as follows:	(1 and 101-104). to be accounted for	Report any keys not found in the Controlled Key box to DOS.* or as follows: 2W043124 (#6 and #7)	olled Key box to DOS.*	7	
Ensure all keys are returned to Controlled Key Box OR status i	controlled Key Box	OR status is recorded in key log. *		1	7
Ensure exterior facility doors are closed and locked (except for	closed and locked	d (except for administrative area).		7	
(Day Shift) Performed By:	Sign:	If the good	Print: LREAMORN	Date/Time:	9-23-10 1535
(Day Shift) Reviewed By:	Sign:	Sold	Print: Steven & Cantan	Date/Time: 9/23/10	1556
(Swing Shift) Performed By:	Sign:	- 18- 800 M	Print: Incams Hart, CLIFF	Date/Time: <i>9-23-10</i>	2344
(Swing Shift) Reviewed By:	Sign:	H	Print: Srut L. Indkno	Date/Tigne: 09/23/10	2350

<sup>\*</sup> 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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Published Date: 6/8/2010

Effective Date: 6/8/2010

Surveillance Date: Click here to enter a date.	khere to enter a date. 9/12//1			
Location	Item of Inspection	Expected Condition/Reading	Sat Un	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.	7	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14] 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.	7	
	Waste array zone spacing and combustible loading [TSR SAC 5.6.4.9]	Spacing between zones is a minimum 12 ft (3.7 in); this space is free of stored combustibles	7	
	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)	7	_

#### Facility Inspection

Effective Date: 6/8/2010

Published Date: 6/8/2010

Surveillance Date: Clic	Surveillance Date: Click here to enter a date. 9/11/1.			
Location		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.	7	
	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: Loh		Date/Time: 9:22:-/0 /	1607
Reviewed By:	Sign; Ferlet	ر	Date/Time: 9/22/p	(63)
Comments:				

Rev. 6, Chg. 2

#### Facility Inspection

Effective Date: 6/8/2010

Published Date: 6/8/2010

Surveillance Date: Click here to enters date	k here to entere date a / na ( in			
Salveniance Date:	١,		-	1000
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.	7.	
	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] combustible metal pallets or directly on the floor.		4/1×	
	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)	7	
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.	7	
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

Effective Date: 6/8/2010

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

Surveillance Date: Click-	Surveillance Date: Click here to enter a date. 9/22/10		
	Activity		Completed
Inspect facility for general	Inspect facility for general housekeeping. [TSR AC 5.7.1]		>
Aisle space between rows	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	C FHA 1.3.1.10]	\
Drums and boxes are stack banding material. No singl ITSR AC 5.6.4.a, SWOC I	Drums and boxes are stacked no more than 3 high. Stacked drums must be on panding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are b ITSR 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. <b>ITSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7</b> ]	>
Transient combustibles are	Transient combustibles are removed. [TSR AC 5.7.1]		>
For 2404-WB: During June	1 through September 1, ensure the building's West E	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 uni	Ensure portable heater units in 2404-WB are turned OFF.		\
Ensure interior building ligh	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked	re closed and locked.	\
For MO-610: Personnel ac	For MO-610: Personnel access doors are closed and locked.		>
Ensure all floodlights are turned OFF.	med OFF.		`
Gates are closed and locked.	d.		<b>\</b>
Performed By:	Sign: Opn Bewson	Print: Dan Benson	Date/Time: <b>4-23-</b> ¹O / 0035
Reviewed By:	Sign:	Print But L. July	Date/Time;
Comments:			

#### WRP1-SV-1603

#### Facility Inspection

Effective Date: 6/8/2010

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

Surveillance Date: Glick here to enter a date. 9/22/10			
End of Day Activity		Complete	Comments
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	d [TSR AC 5.6.2]	7	>
Inspect facility for general housekeeping [TSR AC 5.7.1]		7	7
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] ★	SR AC 5.7.1] *	7	>
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)	rolled Key box to DOS.*	7	>,
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *		,	7
Ensure exterior facility doors are closed and locked (except for administrative area).		/	\ 
(Day Shift) Performed By: Sign: 3. Cold	Print: BRIDE GODON	Date/Time:	1623
(Day Shift) Reviewed By: Sign: Str. C.L.	Print: STEVEN A CONTAR	Date/Time: $9/22/\nu$	529)
(Swing Shift) Performed By: Sign: Gen Busser	Print: Den Berson	Date/Time: 4.23-€	0035
(Swing Shift) Reviewed By: Sign:	Print: Freth L. Julkins	Date/Time (	240

\* 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



Effective Date: 6/8/2010

Surveillance Date: 9/21/2010	1/2010			
Location	Item of Inspection	Expected Condition/Reading	Sat Unsat	sat
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] combustible metal pallets or directly on the floor.		A)N	
	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.	7	
	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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Surveillance Date: 9/21/2010	1/2010		
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.	1
	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.	7
	Waste containers coated with polyurea elastomer type sprayed-on Drums coated with polyurea must be stored on non-coatings [SWOC FHA 1.3.1.14] combustible metal pallets or directly on the floor.	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	4
	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.	1
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.	61

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Surveillance Date: 9/21/2010	21/2010		
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. $\begin{cases} 8 & \text{if } 1 \leq 1 \\ \text{if } 1 \leq 1 \end{cases}$	
Performed By:	Sign:	Print: CAM HOBBS	Date/Time: 95/1/10/10/10
Reviewed By:	Sign: Huth	Print: STENTER & CONTAIN	Date/Time:
Comments: (1) BL	Comments: (1) BLD6 446-EMSPERVCY CASINUT SCAL BROKEN GAL		

#### Facility Inspection

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

Surveillance Date: Click h	Surveillance Date: Click here to enter a date. $A - 2 / - 2 \omega / \omega$	
	Activity	Completed
Inspect facility for general h	Inspect facility for general housekeeping. [TSR AC 5.7.1]	
Aisle space between rows or	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	
Drums and boxes are stack banding material. No single ITSR AC 5.6.4.a, SWOC F	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single 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]	emoved. [TSR AC 5.7.1]	
For 2404-WB: During June	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 unita	Ensure portable heater units in 2404-WB are turned OFF.	
Ensure interior building light	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	
For MO-610: Personnel ac	For MO-610: Personnel access doors are closed and locked.	7
Ensure all floodlights are turned OFF.	ned OFF.	
Gates are closed and locked.		7
Performed By:	Sign: 1 1 2 2 2 2 1 Print:	Date/Time: Q - 22 //O ⇔ \o
Reviewed By:		Date/Time;
Comments:		
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#### Facility Inspection

Effective Date: 6/8/2010

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

Surveillance Date: 9/21/2010				
	End of Day Activity		Complete	Comments
Review Radiologic Inventory Sur	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	[TSR AC 5.6.2]	/	
Inspect facility for general housekeeping [TSR AC 5.7.1]	keeping [TSR AC 5.7.1]			7
	End of Shift Activity		Day Shift	Swing Shift
Transient combustible materials	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	R AC 5.7.1] *	\	
Check status of all security keys All keys on Key #1 and #2 have t	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)	alled Key box to DOS.*	1	7
Ensure all keys are returned to Controlled Key Box OR status	Controlled Key Box OR status is recorded in key log. *		1	/
Ensure exterior facility doors are	Ensure exterior facility doors are closed and locked (except for administrative area).		\	7
(Day Shift) Performed By:	Sign:	Print: Cam Hobbes	Date/Fime:	11:40
(Day Shift) Reviewed By:	Sign: Sheet	4 ~	Date/Time:	1152
(Swing Shift) Performed By:	Sign: ( Colon )	Print:	Date/Time:	
(Swing Shift) Reviewed By:	Sign:	Print:	Date/Time;	9 %

\* 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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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] combustible metal pallets or directly on the floor.	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 pattem.	,
	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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Surveillance Date: 9/20/2010	<u>0/2010</u>		
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.	7
	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.	7
	Waste containers coated with polyurea elastomer type sprayed-on Drums coated with polyurea must be stored on non-coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	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.	7
	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.	7
	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.	1
			LONG TANKS TO SERVICE THE PARTY OF THE PARTY

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Surveillance Date: 9/20/2010	<u>0/2010</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.	7
	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: Com of Man	Print Paniel Andreas	Pate/Time: 9-20-1030
Reviewed By:	Sign:		Date/Time:
Comments:			and the second

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Effective Date: 6/8/2010

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

Surveillance Date: 9/20/2010	2010		
	Activity		Completed
Inspect facility for general	Inspect facility for general housekeeping. [TSR AC 5.7.1]		\
Aisle space between rows	Aisle space between rows of containers appears to be at least 36 inches. [SWC	36 inches. [SWOC FHA 1.3.1.10]	\
Drums and boxes are star banding material. No sing ITSR AC 5.6.4.a, SWOC	Drums and boxes are stacked no more than 3 high. Stacked drums must be on banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are ITSR 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. <b>ITSR AC 5.6.4.a</b> , <b>SWOC FHA 1.3.1.6</b> , <b>SWOC FHA 1.3.1.7</b> ]	\
Transient combustibles ar	Transient combustibles are removed. [TSR AC 5.7.1]		>
For 2404-WB: During Jun	e 1 through September 1, ensure the building's West E	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.	7
Ensure portable heater un	Ensure portable heater units in 2404-WB are turned OFF.		7
Ensure interior building lig	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked	are closed and locked.	7
For MO-610: Personnel a	For MO-610: Personnel access doors are closed and locked.		>
Ensure all floodlights are turned OFF.	umed OFF.		`
Gates are closed and locked.	ed.		\
Performed By:	Sign: Character Sign: Characte	Print: SAKKAZE	Date/Time: 70 1/
Reviewed By:	Sign	Print Freth 1. July 35	Date/Time;
Comments:			

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Appendix F - End of Work Shiff/Day Activities

Surveillance Date: 9/20/2010		
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]	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] ★	7	7
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)	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 fgr administrative area).	7	7
(Day Shift) Performed By: Sign: Sign: Sign: Sign: March And Years	Date/Time: 1545	07-02-6
(Day Shift) Reviewed By: Sign:	Date/Time: /	The
(Swing Shift) Performed By: Sign: 4 E	Daté/Time:	01 30
(Swing Shift) Reviewed By: Sign: 2	Date/Time: /	85W

<sup>\*</sup> 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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Surveillance Date: 9/17/2010	72010			
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 Drums coated with polyurea must be stored on non-coatings [SWOC FHA 1.3.1.14] combustible metal pallets or directly on the floor.	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 pattem.	>	
	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 5.6.4.9]	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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Surveillance Date: 9/17/2010	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 Drums coated with polyurea must be stored on non-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

C/1/2	070			
Surveillance Date: 3/1//2010	010			
Location	Item of Inspection	Expected Condition/Reading	Sat U	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.	\ \	
<u>  [</u>	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. $\frac{\theta}{1} = \frac{1}{1} \frac{\sqrt{3}}{2} = \frac{27}{1}$		
Performed By:	Sign: Den Eusen		Date/Time: q-17-(0/09€	2360
Reviewed By:	Sign: M.A.		Date/Time: 1440	44

Published Date: 6/8/2010

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### Facility Inspection

Effective Date: 6/8/2010

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

Surveillance Date: 9/17/2010	110			
		Activity		Completed
Inspect facility for general housekeeping. [TSR AC 5.7.1]	ousekeeping.	[TSR AC 5.7.1]		<u> </u>
Aisle space between rows of containers appears to be at least	f containers a	opears to be at least 36 inches. [SWOC FHA 1.3.1.10]	C FHA 1.3.1.10]	<b>\</b>
Drums and boxes are stacked no more than 3 high. Stacked banding material. No single drums in the 3 <sup>rd</sup> tier unless the dr ITSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	ed no more the drums in the HA 1.3.1.6, SV	an 3 high. Stacked drums must be on p 3 <sup>rd</sup> tier unless the drum and pallet are by VOC 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. 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]	removed. [TS	R AC 5.7.1]		^
For 2404-WB: During June	1 through Sepi	tember 1, ensure the building's West Ex	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.	MA
Ensure portable heater units in 2404-WB are tumed OFF.	in 2404-WB	are turned OFF.		\ <u></u>
Ensure interior building light	s are ON, and	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked	e closed and locked.	<b>&gt;</b>
For MO-610: Personnel access doors are closed and locked.	sess doors are	closed and locked.		
Ensure all floodlights are turned OFF.	ned OFF.			<u> </u>
Gates are closed and locked	+-i			
Performed By:	Sign:	On Burt	Print: Don Benson	Date/Time: 4・1つ・1つ ( 1435
Reviewed By:	Sign:	M. M.	Print: LN Sthon	Date/Time: $t \cdot t \cdot t $
Comments:				
		,		

#### Facility Inspection

Effective Date: 6/8/2010

Published Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 9/17/2010				
	End of Day Activity	,	Complete	Comments
Review Radiologic Inventory Sur	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	1 [TSR AC 5.6.2]	>	
Inspect facility for general housekeeping [TSR AC 5.7.1]	keeping [TSR AC 5.7.1]			
	End of Shift Activity		Day Shift	Swing Shift
Transient combustible materials separated from outside storage	separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	SR AC 5.7.1] *	>	,
Check status of all security keys (1 and 101-104). Report any k All keys on Key #1 and #2 have to be accounted for as follows:	(1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* to be accounted for as follows: 2W043124 (#6 and #7)	olled Key box to DOS.*	> `	
Ensure all keys are returned to Controlled Key Box OR status is	controlled Key Box OR status is recorded in key log. *		\ <u>`</u>	
Ensure exterior facility doors are	Ensure exterior facility doors are closed and locked (except for administrative area).		>	
(Day Shift) Performed By:	Sign: Opn Burch	Print: Don Benson	Date/Time: 0 / 1440	ahh1/
(Day Shift) Reviewed By:	Sign: MASS	Print: LN Seften	Date/Time: 4/11/10	ग्रस्ट
(Swing Shift) Performed By:	Sign:	Print:	Date/Time:	
(Swing Shift) Reviewed By:	Sign:	Print:	Date/Time:	

<sup>\*</sup> 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 

Surveillance Date: 9/16/2010	72010		
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]	rea elastomer type sprayed-on 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.	
	Orum 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 5.6.4.9]	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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Clean, transient combustible materials do not exceed amounts and types required for current operations. 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. ITSR SAC 5.6.3.dJ				
U	Item of Inspection	Expected Condition/Reading	Sat	Unsat
*		Clean, transient combustible materials do not exceed the amounts and types required for current operations. No leaks or liquid accumulations. Egress routes clear.	>	
35	n quantity of fuel for vehicles allowed inside the 5 gal. Specific management approval will be Ap spotters present while > 26 gal of fuel is present insiding. [TSR SAC 5.6.3.4]	Vehicles in and near the building have < 125 gal of fuel. Approval and spotter present when > 26 gal of fuel is present inside the building.	>	
	ners coated with polyurea elastomer type sprayed-on Dn VOC FHA 1.3.1.14]	ums coated with polyurea must be stored on non- mbustible metal pallets or directly on the floor.	>	
	ng [TSR AC 5.6.4.a,	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.	>	
FRP box storage separation from oustructure). [TSR 5.7.1.a, SWOC FIGURE 5.7.1.a, SWOC FIGUR 5.7.1.a, SWOC FIGURE 5.7.1.a, SWOC FIGUR 5.7.1.a, SWOC FIGURE 5.		Aisle widths shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	>	
	tside of 2404WC (metal A 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)	>	
		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] Am am am or l	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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Surveillance Date: 9/16/2010	9/16/2010	(1)	
Location	Item of Inspection	Expected Condition/Reading	Cot Ilmost
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	) Jack Oilsal
	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: Button	1	
Reviewed By:	Sign: Cha W Working	ssinger	4-16-10/1115 Date/Time;
Comments:			15/1/2012
9	garbage bumpster at west end of	West end of 2404 WB needs to be emptyeld	2.

Published Date: 6/8/2010

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#### 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: 9/16/2010		
Activity	Completed	
Inspect facility for general housekeeping. [TSR AC 5.7.1]	×	No. Company Company of the Company o
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: Dec Olsen	Date/Time: 7.500	8
	Date/Time.	0
Comments:	and in the	

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#### Facility Inspection

Effective Date: 6/8/2010

### Appendix F - End of Work Shiff/Day Activities

Surveillance Date: 9/16/2010				
	End of Day Activity		Complete	Comments
Review Radiologic Inventory Sun	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	ed [TSR AC 5.6.2]	>	×
Inspect facility for general housekeeping [TSR AC 5.7.1]	eeping [TSR AC 5.7.1]			×
	End of Shift Activity		Day Shift	Swing Shift
Transient combustible materials s	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	ISR AC 5.7.1] *	<i>&gt;</i>	×
Check status of all security keys All keys on Key #1 and #2 have to	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)	trolled Key box to DOS.*	7	×
Ensure all keys are returned to C	Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *		<u> </u>	×
Ensure exterior facility doors are	Ensure exterior facility doors are closed and locked (except for administrative area).			×
(Day Shift) Performed By:	sign: Our Buron	Print: Don Benson	Date/Time: 	1535
(Day Shift) Reviewed By:	Sign. Jug W. M. M. Maria	Print: David W. Messinger	Date/Time: / /	145,
(Swing Shift) Performed By:	Sign: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Print: Derek Oken		# 2500
(Swing Shift) Reviewed By:	Sign:	Print: Firth Julkins	Date/fime/	OSR)

<sup>\*</sup> 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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Surveillance Date: 9/15/2010	72010		
Location	Item of Inspection	Expected Condition/Reading Sa	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]	sa elastomer type sprayed-on 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 pattem.	
	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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	(and safes)			
Surveillance Date: 9/1	9/15/2010		-	
	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 Drums coated with polyurea must be stored on non-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)	tal)	
Surveillance Date: 9/15/2010			
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: On Buren	il	Date/Time:
Reviewed By:	Sign: Now W Washall	Messinger	Date/Time: // 4/
Comments:			

Published Date: 6/8/2010

#### Facility Inspection

Effective Date: 6/8/2010

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

Surveillance Date: 9/15/2010		Γ
Activity	Project a mag O	ĺ
Inspect facility for general housekeeping ITSR AC 5.7.11	nanaidhinn	
Aisle space between rows of containers appears to be at least 36 inches. ISWOC FHA 1.3.1.101		
Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single 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 1.3.1.71	with metal spattern.	j
Transient combustibles are removed. [TSR AC 5.7.1]	7	T
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.	as available.	i
Ensure portable heater units in 2404-WB are turned OFF.	1	Ī
Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.		l
For MO-610: Personnel access doors are closed and locked.		
Ensure all floodlights are turned OFF.	>	
Gates are closed and locked.	>	1
Performed By: Sign: K Mac Maller M. M. O. An N. O. W.	1/V QV 5 Pate/Time: 0 2350	1
Reviewed By: Sign:	Date/Time:	1
Comments:	Kan almin	
		1
		T
		i

Published Date: 6/8/2010

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#### Facility Inspection

Effective Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 9/15/2010				
	End of Day Activity		Complete	
Review Radiologic Inventory Summary (DMS screen 1100) as	MS screen 1100) and worlfy limits not according	TOD ACTOR	animina	Comments
	and selection of the verily illines not exceeded [13K AC 5.6.2]	[13K AC 5.6.2]		
Inspect facility for general housekeeping [TSR AC 5.7.1]	[TSR AC 5.7.1]			
	End of Shift Activity		Day Shift	Swing Shift
I ransient combustible materials separated from outside storag	d from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	SR AC 5.7.1] *		
Check status of all security keys (1 and 10	Check status of all security keys (1 and 101-104) Bonnet any bonne mat formal in the Control of			
All keys on Key #1 and #2 have to be accounted for as follows:	counted for as follows: 2W043124 (#6 and #7)	olled Key box to DOS.*	>	7
Ensure all keys are returned to Controlled Key Box OR status	1 .5			1
Ensure exterior facility doors are				/
Listing exterior raciility doors are crosed and locked (except for	and locked (except for administrative area).		>	7
(Day Shift) Performed By: Sign:	a have	Print:	Date/Time:	/
	Jan Mass	ton Gason	9,15-10/	1530
(Day Shift) Reviewed By: Sign:	Men / Barrier	Print: David W. Messinger	Date/Time: //	11 11
(Swing Shift) Performed By:	The same of the sa		191-61-6	1291
de la company de	most	Print: Maria And Care Date Time. 10 0000	Date Time:	2000
(Swing Shift) Reviewed By: Sign:		11.30	2 2	7
			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: 9/14/2010	1/2010			
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.	MA	N.
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14] combustible metal pallets or directly on the floor.	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)	7	$\rightarrow$

No entry due to restricted access.

### Facility Inspection

Effective Date: 6/8/2010

Published Date: 6/8/2010

	(man ) (man )		
Surveillance Date: 9/14/2010	4/2010		
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]	sa elastomer type sprayed-on 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

Surveillance Date: 9/14/2010			
	<u>4/2010</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. $\frac{8}{2} + \frac{1}{4} + \frac{1}{2}$	
Performed By:	Sign: Con Buson	Print: Dan Benson	Date/Time: /
Reviewed By:	Sign: Lach W. W. Owing	Print: David W. Messinger	Date/Time;
Comments:	, 6		7
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### Facility Inspection

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Published Date: 6/8/2010

Effective Date: 6/8/2010

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

Surveillance Date: 9/14/2010	
Activity	Completed
Inspect facility for general housekeeping. [TSR AC 5.7.1]	nastidiino.
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: (Mary) (Mary) And Yours	Date/Time: Q. 16-10-04:19
Reviewed By: Sigh.	Date/Time:
Comments:	29/15/10 do30

#### Facility Inspection

Effective Date: 6/8/2010

Published Date: 6/8/2010

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

Surveillance Date: 9/14/2010				
	End of Day Activity		Complete	Comments
Review Radiologic Inventory Sun	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	d [TSR AC 5.6.2]	7	
Inspect facility for general housekeeping [TSR AC 5.7.1]	eeping [TSR AC 5.7.1]		/	,
	End of Shift Activity		Day Shift	Swing SMft
Transient combustible materials separated from outside storage	eparated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	SR AC 5.7.1] *	7	/
Check status of all security keys (1 and 101-104). Report any All keys on Key #1 and #2 have to be accounted for as follows	1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* be accounted for as follows: 2W043124 (#6 and #7)	rolled Key box to DOS.*	/	7
Ensure all keys are returned to Controlled Key Box OR status	ontrolled Key Box OR status is recorded in key log. *			//
Ensure exterior facility doors are closed and locked (except for	closed and locked (except for administrative area).	David W. Messinger	\	/
(Day Shift) Performed By:	Sign: / W. W. Oswale	Print: David W. Messinger	Date/Time: 9-14-10	HILI
(Day Shift) Reviewed By:	Sign: De My among	Print: David W. Mossauger	Date/Time: 1.	1714
(Swing Shift) Performed By:	Sign: Gan Start	Print: Part 2 And 1245	Qate/Time: (0 0030	0000
(Swing Shift) Reviewed By:	Sign;	Print: Fret L. Judkins	Date/fime	Ø 50

\* 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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Published Date: 6/8/2010

Surveillance Date: 9/13/2010	3/2010			
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] combustible metal pallets or directly on the floor.	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 ITSR 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

	(5 pages (blai)	11)		
Surveillance Date: 9/1	9/13/2010			
Location	Item of Inspection	Expected Condition/Reading	Sat Ur	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.	<u> </u>	
	Waste containers coated with polyurea elastomer type sprayed-on Drums coated with polyurea must be stored on non-coatings [SWOC FHA 1.3.1.14] combustible metal pallets or directly on the floor.	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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Published Date: 6/8/2010

Surveillance Date: 9/13/2010	3/2010			
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. $\frac{\mathcal{B}_{-1}}{2} \frac{1/2}{1-2}$		
Performed By:	Sign: Opn Dunger	Print: Don Benson	Date/Time: 9-13-10	134
Reviewed By:	Sign: Jang W Messing	essinger	Pate/Timé: /	ohu/
Comments:				

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Effective Date: 6/8/2010

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

Surveillance Date: 9/13/2010		
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]	d with metal iss pattern.	
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.	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: A. J. J. Steffens		Pate/Time: タ//4/10 の13
Reviewed By: Sign: Kight Julkins		Date/Time: **// 4/10 00:20
Comments:		

#### Facility Inspection

Effective Date: 6/8/2010

Published Date: 6/8/2010

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

Surveillance Date: 9/13/2010				
	End of Day Activity		Complete	Comments
Review Radiologic Inventory Sur	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	d [TSR AC 5.6.2]	<b>/</b>	
Inspect facility for general housekeeping [TSR AC 5.7.1]	keeping [TSR AC 5.7.1]		^	1
	End of Shift Activity		Day Shift	Swing-Shift
Transient combustible materials	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	SR AC 5.7.1] *	>	7
Check status of all security keys (1 and 101-104). Report any k All keys on Key #1 and #2 have to be accounted for as follows:	(1 and 101-104). Report any keys not found in the Controlled Key box to DOS.* to be accounted for as follows: 2W043124 (#6 and #7)	rolled Key box to DOS.*	>	
Ensure all keys are returned to (	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	closed and locked (except for administrative area).		<i>&gt;</i>	\
(Day Shift) Performed By:	Sign: Opn Buyon	Print: Den Benson	Date/Time: 4 - /3 - /0	1530
(Day Shift) Reviewed By:	Sign: NW M 32 Die	Print: David W. Messinger	Date/Time: $9-1370$	1741
(Swing Shift) Performed By:	Sign: Ku Dalla	Print: Kari Steffens	Date/Time:	02:20
(Swing Shift) Reviewed By:	Sign:	Print: Beth Julkins	Date/Fimer	05,00

\* 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

(OD)

Effective Date: 6/8/2010

Surveillance Date: 9/10/2010	/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.	7	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	ea elastomer type sprayed-on Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	¥/7	
	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.	7	
	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	7	
	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

Published Date: 6/8/2010

	(3 pages total)	(II		
Surveillance Date: 9/1	9/10/2010			
Location	Item of Inspection	Expected Condition/Reading	Sat Ur	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.	7	
<u>.</u>	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.	7	
	Waste containers coated with polyurea elastomer type sprayed-on Drums coated with polyurea must be stored on non-coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	4/Z	
	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.	7	
	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.	7	
	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)	7	
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.	7	
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.	7	
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Published Date: 6/8/2010

Effective Date: 6/8/2010

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Surveillance Date: 9/10/2010	<u>1/10/2010</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.	7
	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: Frank Fernandez	Date/Time: シェイル・ ノイみら
Reviewed By:	Sign: Jant W Lewings		Date/Time: /
Comments:	7		
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			r.

### Facility Inspection

Effective Date: 6/8/2010

Published Date: 6/8/2010

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

Surveillance Date: 9/10/2010	01	
	Activity	Completed
nspect facility for general ho	nspect facility for general housekeeping. [TSR AC 5.7.1]	
Visle space between rows of	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	7
Drums and boxes are stacke vanding material. No single TSR AC 5.6.4.a, SWOC FI	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal panding material. No single 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]	_
ransient combustibles are removed. [TSR AC 5.7.1]	emoved. [TSR AC 5.7.1]	
or 2404-WB: During June 1	or 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.	7
nsure portable heater units	Insure portable heater units in 2404-WB are turned OFF.	7
insure interior building lights	insure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	7
or MO-610: Personnel acc	or MO-610: Personnel access doors are closed and locked.	7
nsure all floodlights are turned OFF.	ed OFF.	
sates are closed and locked.		7
erformed By:	Signs Signs Print: Frank Fernandez	Date/Time: 1600
Reviewed By:	Sign Fill Print Steven B Chocker	)
comments:		
		The state of the s

#### Facility Inspection

Effective Date: 6/8/2010

Published Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 9/10/2010			
End of Day Activity		Complete	Comments
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	eeded [TSR AC 5.6.2]	7	
Inspect facility for general housekeeping [TSR AC 5.7.1]		7	
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] *	ft. [TSR AC 5.7.1] ★	7	1
Check status of all security keys (1 and 101-104). Report any keys not found in the Col All keys on Key #1 and #2 have to be accounted for as follows: 2W043124 (#6 and #7)	ny keys not found in the Controlled Key box to DOS.* ws: 2W043124 (#6 and #7)	7	
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *		7	7
Ensure exterior facility doors are closed and locked (except for administrative area).		7	
(Day Shift) Performed By: Sign:	Print:	Date/Time:	(1,00)
(Day Shift) Reviewed By: Bigh: -0 M Oxxxx 1	Print N. D. MESSINGER	Date/Time:	1600
(Swing Shift) Performed By: Sign:	Print: Frank Fernandez	Date/Time:	1630
(Swing Shift) Reviewed By: Sign: Sig	Print. Concern	Date/Time:	1621

<sup>\*</sup> 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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Surveillance Date: 9/9/2010	<u>2010</u>			
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.	7	
	Waste containers coated with polyurea elastomer type sprayed-on coatings [SWOC FHA 1.3.1.14]	ea elastomer type sprayed-on 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.	7	
	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.	7	
	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.	7	
	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)	7	

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Effective Date: 6/8/2010

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Surveillance Date: 9/9/2010	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.	7	
	Waste containers coated with polyurea elastomer type sprayed-on Drums coated with polyurea must be stored on non-coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	A Z	
	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.	7	
A.	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)	7	
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.	7	
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.	7	
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# Appendix D - Daily 2404-WB/WC Area Inspection (Continued)

	(3 pages total)	a)		
Surveillance Date: 9/9/2010	1/2010			
Location	Item of Inspection	Expected Condition/Reading	Sat	Insat
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.		Ē
Performed By:	Sign:	Print: Frank Fernandez	Date/Time:	Ç
Reviewed By:	Sign: Line W. Mossingie	Print, DANOW MESKINGER	Date/Time:	808
$\frac{Commens}{(2)Clock}$	(2) Clocks in WB (2404) needs battery.			

### Facility Inspection

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Published Date: 6/8/2010

Effective Date: 6/8/2010

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

Surveillance Date: 9/9/2010	
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]	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.  [TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	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.	NO tous confirmments
Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked.	7
For MO-610: Personnel access doors are closed and locked.	
Ensure all floodlights are turned OFF.	1
Gates are closed and locked.	
Performed By: Sign:	te/Time:
Reviewed By: Sign: M. C. fb.	7/9/10 00: 70 Date/Time:
Comments;	allotte

#### Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

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

Surveillance Date: 9/9/2010			
End of Day Activity		Complete	Comments
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	d [TSR AC 5.6.2]	7	
Inspect facility for general housekeeping [TSR AC 5.7.1]		7	
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] *	SR AC 5.7.1] *	7	\
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)	olled Key box to DOS.*	7	7
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *		7	\
Ensure exterior facility doors are closed and locked (except for administrative area).		/	/
(Day Shift) Performed By: Sign:	Print. FMNK Fernandez	Date/Time:	1500
(Day Shift) Reviewed By: (Sign) . (Morawad)	Print: DayoW MESSINGER	Date/Time:	708/
(Swing Shift) Performed By: Sign:	Prior Prior	taller.	00:43
(Swing Shift) Reviewed By: Sign: MM	Print: W Sctlan	Date/Time:	02.00

\* 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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Effective Date: 6/8/2010

Surveillance Date: 9/8/2010	2010		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 1.3.1.14]	rea elastomer type sprayed-on Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	7	
	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.	7	
	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.	7	
	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	7	
	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)	7	_

### Facility Inspection

Published Date: 6/8/2010

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Surveillance Date: 9/8/2010	72010		
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.	7
	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.	7
	Waste containers coated with polyurea elastomer type sprayed-on Drums coated with polyurea must be stored on non-coatings [SWOC FHA 1.3.1.14] combustible metal pallets or directly on the floor.	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	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.	7
	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.	1
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.	
			all the National Association and the State of the State o

Facility Inspection

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Surveillance Date: 9/8/2010	<u>/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.	7
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. $\frac{1}{1} \frac{1}{2} \frac{1}{2} \frac{1}{2}$	
Performed By:	Egyine of Stereller	PANIE L. HENSUEY	Date/Time: 0.50
Reviewed By:	Some Williams	B	Date/Time: 9-8-10 1-118
Comments:			

### Facility Inspection

Published Date: 6/8/2010

Effective Date: 6/8/2010

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

0.00000		
Surveillance Date: 9/8/2010		
,	Activity	Completed
Inspect facility for general housekeeping. [TSR AC 5.7.1]	(eeping. [TSR AC 5.7.1]	
Aisle space between rows of containers appears to be at lea	tainers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	•
Drums and boxes are stacked no more than 3 high. Stacked banding material. No single drums in the 3 <sup>rd</sup> tier unless the CTSR 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. [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]	ved. [TSR AC 5.7.1]	
For 2404-WB: During June 1 thro	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.	ZA
Ensure portable heater units in 2404-WB are turned OFF.	404-WB are turned OFF.	~ ~
Ensure interior building lights are	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.	doors are closed and locked.	
Ensure all floodlights are turned OFF.	JFF.	
Gates are closed and locked.		
Performed By: Sign:	most Bulun. Print: BLEHM	Daje/Time: 7/9/ <i>[/D</i> 00:1/
Reviewed By: Sign:	Ton far for far for	Date/Ime. $2/2/6$ 0030
Comments:		) /
		And the second s

### Facility Inspection

Effective Date: 6/8/2010

Published Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 9/8/2010				
	End of Day Activity		Complete	Comments
Review Radiologic Inventory Sun	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	TSR AC 5.6.2]	\	Service and the service and th
Inspect facility for general housekeeping [TSR AC 5.7.1]	keeping [TSR AC 5.7.1]		>	
	End of Shift Activity		Day Shift	Swing Shift
Transient combustible materials	Transient combustible materials separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	AC 5.7.1] *	7	/
Check status of all security keys (1 and 101-104). Report any All keys on Key #1 and #2 have to be accounted for as follows	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)	ed Key box to DOS.*	7.	
Ensure all keys are returned to Controlled Key Box OR status	controlled Key Box OR status is recorded in key log. *			`
Ensure exterior facility doors are	Ensure exterior facility doors are glosed and locked (except for administrative area).		₩₩	
(Day Shift) Performed By:	Signing of Levis Co.	JADIE L. HENSLEY	Date/Time: -/600	00%
(Day Shift) Reviewed By:	Sigh: M. M.	52	Date/Time: 1600	01
(Swing Shift) Performed By:	Sign: Math Blokm	Print.	Date/Time:	11:
(Swing Shift) Reviewed By:	Sign: And Pri	Print: I'm Fruron	Date/Time: /	0030
* Any transient combustibles found must be removed within 8 * This inspection requirement is to be performed at the end of	nd must be removed within 8 hours of identification. to be performed at the end of each shift when worked.		aldent)	

Published Date: 6/8/2010

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### Facility Inspection



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

Surveillance Date: Click flere to effer a date.	k nere 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] combustible metal pallets or directly on the floor.	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]	Drows and boxes are stacked no more than 3 high. Stacked drums most be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single drums in the 3 <sup>rd</sup> tier unless the drow 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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Published Date: 6/8/2010

### Facility Inspection

Effective Date: 6/8/2010

Surveillance Date: Click here to enter a date.	k 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.	7	
	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.	7	
	Waste containers coated with polyurea elastomer type sprayed-on Drums coated with polyurea must be stored on non-coatings [SWOC FHA 1.3.1.14]	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	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 shall be controlled to 36-in. minimum between rows (two drums wide) of drum stacks or other containers.	7	
	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.	1	
				-

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Facility Inspection

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Surveillance Date: Click here to enter a date.	k 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.	1	(
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig.  11 $\frac{1}{3}$		
Performed By:	Sigh: & Klengle	Print: L +/ENSLEI	Date/Time 9/7/10	133(1
Reviewed By:	Sign: My Lymore Organiza	) jer	баtе/Тіте: 9÷7-10 /	8011/
Comments:				
(1) Note	Leed Do			
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### Facility Inspection

Effective Date: 6/8/2010

Published 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
nspect 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]	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. 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]	7
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.	11.14
Ensure portable heater units in 2404-WB are turned OFF.	NA CO
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.	7
Ensure all floodlights are turned OFF.	
Sates are closed and locked.	
Performed By: Sign: Sign: Compatt 18 Chint: Print: 15 LEHM BLEHM	Date/Time: 9-7-10 23:23
Sign: Jan Je Print: Tim Fullan	Date/Fime; 2538
Somments:	11
(1) NOT ACCESSIBLE - DUE TO RAD CONCERUS	8

### Facility Inspection

Effective 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]	d [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] ★	SR AC 5.7.1] *	7	7
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)	olled Key box to DOS.*		7
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log.*		7	7
Ensure exterior facility doors are closed and locked (except for administrative area).		7	1
(Day Shift) Performed By: Sign:	PANJE L. HENSLEY	Date/Time: $9/1/(6 - 1)$	0001
(Day Shift) Reviewed By: (Sign) W Mossung (	Print: David W. Messinger	Date/Time: 1609	60
(Swing Shift) Performed By: Sign, att   The	Printy ATT BLEHM	Date/fine 23:23	3:23
(Swing Shift) Reviewed By: Sign:	Print: Tim Fulton	Date/Time/	8587

<sup>\*</sup> 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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9/06/2010

# LABOR DAY HOLIDAY

# FACILITY CLOSURE

# NO DAILY INSPECTION REPORTS

Published Date: 6/8/2010

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Facility Inspection



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

Surveillance Date: 9/3/2010	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]	elastomer type sprayed-on 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.		٠
	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 5.6.4.9]	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)		

\* Restricted Access

### Facility Inspection

Effective Date: 6/8/2010

Published Date: 6/8/2010

	(man cased a)	(1)		
Surveillance Date: 9/3/2010	<u> </u>			
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.	V	
	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) coatings (SWOC FHA 1.3.1.14)	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	K	
	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)	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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#### Facility Inspection

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	o pages total	(cr)		
Surveillance Date: 9/3/2010	7/2010			
Location	Item of Inspection	Expected Condition/Reading	Sat Unsat	sat
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. $\frac{1}{1-2} < \frac{1}{2}$		
Performed By:	Sign: Man X (Min)	Print. Lucts Collins	Date/Tiple: //	14.
Reviewed By:	Sign: Stable	Print: Steven B Contac	Date/Time: <b>1</b> (5)	1443
Comments:				
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Effective Date: 6/8/2010

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Facility Inspection

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

Surveillance Date: 9/3/2010	ō		
	Activity		Completed
Inspect facility for general h	Inspect facility for general housekeeping. [TSR AC 5.7.1]		•
Aisle space between rows c	Aisle space between rows of containers appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	C FHA 1.3.1.10]	AN AN
Drums and boxes are stack banding material. No single ITSR AC 5.6.4.a, SWOC F	Drums and boxes are stacked no more than 3 high. Stacked drums must be on p banding material. No single drums in the 3 <sup>rd</sup> tier unless the drum and pallet are b TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7J	Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single 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 1.3.1.7J	
Transient combustibles are removed. [TSR AC 5.7.1]	emoved. [TSR AC 5.7.1]		
For 2404-WB: During June	through September 1, ensure the building's West E	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	Ensure portable heater units in 2404-WB are turned OFF.		
Ensure interior building light	Ensure interior building lights are ON, and personnel and vehicle access doors are closed and locked	re closed and locked.	
For MO-610: Personnel acc	For MO-610: Personnel access doors are closed and locked.		
Ensure all floodlights are turned OFF.	ned OFF.		2
Gates are closed and locked.			>
Performed By:	Sign:	Print:	Date/Time:
Reviewed By:	Sign:	Print:	Date/Time:
Comments:			
	No Swing St	raft - She 3/8/10	
A Company of the Comp			
A CONTRACTOR OF THE CONTRACTOR			

### Facility Inspection

Effective Date: 6/8/2010

Published Date: 6/8/2010

Appendix F - End of Work Shift/Day Activities

Surveillance Date: 9/3/2010				
	End of Day Activity		Complete	Comments
Review Radiologic Inventory Sur	Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	d [TSR AC 5.6.2]	X	ASA.
Inspect facility for general housekeeping [TSR AC 5.7.1]	keeping [TSR AC 5.7.1]		X	1
	End of Shift Activity		Day Shift	Swing Shift
Transient combustible materials separated from outside storage	separated from outside storage area by at least 33 ft. [TSR AC 5.7.1] *	SR AC 5.7.1] *	K	
Check status of all security keys (1 and 101-104). Report any k All keys on Key #1 and #2 have to be accounted for as follows:	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)	rolled Key box to DOS.*	x	
Ensure all keys are returned to Controlled Key Box OR status is	ontrolled Key Box OR status is recorded in key log. *		X	,
Ensure exterior facility doors are	Ensure exterior facility doors are closed and locked (except for administrative area).		٤	•
(Day Shift) Performed By:	Sign; hear (offin	Print / // /	Date/Time:	04.61
(Day Shift) Reviewed By:	Sakka K	60	Date/Time: <b>7/3/10</b>	1443
(Swing Shift) Performed By:	Sign:	Print:	Date/Time:	
(Swing Shift) Reviewed By:	Sign:	Print:	Date/Time:	

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

<sup>\*</sup> 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)

	(3 pages total)	es total) $(UC ONIQ)$	Jalle	(M)
Surveillance Date: 9/2/2010	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] combustible metal pallets or directly on the floor.	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 pattem.		
	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 5.6.4.9]	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)		

\* RESTRICTED ACCESS DUE TO ARA+HRA. DOS AWARE

### Facility Inspection

**Published Date: 6/8/2010** 

Effective Date: 6/8/2010

	Appendix D - Daily 2404-WB/WC Area Inspection (Continued) (3 pages total)		11/1	(100 000)	,
Surveillance Date: 9/2/2010		**************************************			
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.	7		
	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.	7		
٠.	Waste containers coated with polyurea elastomer type sprayed-on Coatings [SWOC FHA 1.3.1.14] combustible metal pallets or directly on the floor.	Drums coated with polyurea must be stored on non-combustible metal pallets or directly on the floor.	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.	7		
	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.	1		
	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)	7		
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.	7		
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.	7		

### Facility Inspection

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Effective Date: 6/8/2010

Surveillance Date: 9/2/2010	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.	7	
	Record dewar number, level, and pressure.	Notify DOS if level is half full or lower. Expected pressure is 20 to 30 psig. $(-1/2)$		
Performed By:	Sign: Kill Miles	Print: NEK WES	Date/Time: 13.20	
Reviewed By:	Sign: St. Kath	in.	Date/Time: 7/2/10 154/	
Comments:				
	3404WB NOT ACKSSOBLE 8	ACESSABLE DUNING DAY SAKT - DECON SCTIVITIES		
	Working. Spl 9/2/10			
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### Facility Inspection

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

	Activity		Completed
Inspect facility for general housekeeping. [TSR AC 5.7.1]	ng. [TSR AC 5.7.1]		/
Aisle space between rows of containers appears to be at least	s appears to be at least 36 inches. [SWOC FHA 1.3.1.10]	C FHA 1.3.1.10]	
Drums and boxes are stacked no more than 3 high. Stacked banding material. No single drums in the 3 <sup>rd</sup> tier unless the c TSR AC 5.6.4.a, SWOC FHA 1.3.1.6, SWOC FHA 1.3.1.7]	than 3 high. Stacked drums must be on phe 3 <sup>rd</sup> tier unless the drum and pallet are b, 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. 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]	[TSR AC 5.7.1]		7
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.	1.4
Ensure portable heater units in 2404-WB are turned OFF.	VB are turned OFF.		NA
Ensure interior building lights are ON, and personnel and vehic		le access doors are closed and locked.	
For MO-610: Personnel access doors are closed and locked.	are closed and locked.		7
Ensure all floodlights are turned OFF.			
Gates are closed and locked.			7
Performed By: Sign:	malle	Print: Danie / Andrews	Date/Time; 0 2557
Reviewed By: Sign:	MM	Print: LN Sutton	Date/Time: 2354
Comments:			

#### **Facility Inspection**

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

Surveillance Date: 9/2/2010			
End of Day Activity		Complete	Comments
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	ded [TSR AC 5.6.2]	7	
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] *	[TSR AC 5.7.1] *	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)	ntrolled Key box to DOS.*	7	
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *		7	/
Ensure exterior facility doors are closed and tocked (except for administrative area).		7	7
(Day Shift) Performed By: Sign: (A)	Print. Direk Wiles	Date/Time: 9/2//0	1450
(Day Shift) Reviewed By: Sign: And All	Print: Steven B Contra	Date/Time:	1542
(Swing Shift) Performed By: Sign: / Ant Plant By:	Print. Panie/ Antrous	Date/Time: 7 >	0005
(Swing Shift) Reviewed By: Sigh: M	Print: LN Sutton	$\frac{\text{Date}(\text{Time:}}{(3/10)}$	0000

\* 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)

	(3 pages total)	(MC ON C	ON	1
Surveillance Date: 9/1/2010	<u>2010</u>			7
Location	Item of Inspection	Expected Condition/Reading Sat	Unsat	sat
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 1.3.1.14] combustible metal pallets or directly on the floor.	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 5.6.4.9]	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)		

\* NO ENTY DUC TO HEATARD DUS AWAR

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Appendix D - Daily 2404-WB/WC Area Inspection (Continued)

(3 pages total)

Unsat Sat Approval and spotter present when > 26 gal of fuel is present inside the building. amounts and types required for current operations. No leaks amounts and types required for current operations. No leaks amounts and types required for current operations. No leaks horizontally banded with metal banding material. No single drums in the 3rd tier unless the drum and pallet are banded 8 ft high FRP boxes are stored a minimum of 10.8 m (35 ft) Stacked drums must be on pallets and the 3rd tier must be Aisle widths shall be controlled to 36-in. minimum between from 2404WC (See SWOC FHA Table 18.1.1-1 for boxes rows (two drums wide) of drum stacks or other containers. Clean, transient combustible materials do not exceed the Clean, transient combustible materials do not exceed the Clean, transient combustible materials do not exceed the Vehicles in and near the building have < 125 gal of fuel. Drums and boxes are stacked no more than three high. Waste containers coated with polyurea elastomer type sprayed-on Drums coated with polyurea must be stored on non-coatings [SWOC FHA 1.3.1.14] together with vertical metal bands in a cross pattern. Expected Condition/Reading or liquid accumulations. Egress routes clear. or liquid accumulations. Egress routes clear. or liquid accumulations. Egress routes clear. other than 8 ft) obtained and spotters present while > 26 gal of fuel is present Aisle widths between rows of drum stacks or other containers The maximum quantity of fuel for vehicles allowed inside the FRP box storage separation from outside of 2404WC (metal structure). [TSR 5.7.1.a, SWOC FHA 1.3.4.17] building is 125 gal. Specific management approval will be General housekeeping, egress routes [TSR AC 5.7.1] General housekeeping, egress routes [TSR AC 5.7.1] General housekeeping, egress routes [TSR AC 5.7.1] Item of Inspection Drum and box stacking [TSR AC 5.6.4.a, inside the building. [TSR SAC 5.6.3.d] [SWOC FHA 1.3.1.10] SWOC FHA 1.3.1.7] Surveillance Date: 9/1/2010 Location 2404-WC MO-446 MO-444

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Surveillance Date: 9/1/2010	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.	7
	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: Diek Wirzs	Date/Fime: ぞ///io /パロ
Reviewed By:	Sign: The Mark		Date/Time:
Comments:			
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# Appendix E - End of Work Day Activities for 2404-WB/WC Area

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]	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]	paradillo
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]	/
Drums and boxes are stacked no more than 3 high. Stacked drums must be on pallets and the 3 <sup>rd</sup> tier must be horizontally banded with metal banding material. No single 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]	1
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.	<b>化</b> そ /
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.	7
Ensure all floodlights are turned OFF.	7
Gates are closed and locked.	/
Performed By: Sign: My Print: Male An Well 9	9-1-10 0020
Reviewed By: Sign: Sign: Bat Conflicts Off	Date/Time: NP45
Comments:	
	-

Published Date: 6/8/2010

Effective Date: 6/8/2010

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**Facility Inspection** 

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

Surveillance Date: 9/1/2010			
End of Day Activity		Complete	Comments
Review Radiologic Inventory Summary (DMS screen 1100), and verify limits not exceeded [TSR AC 5.6.2]	[TSR AC 5.6.2]	\	1
Inspect facility for general housekeeping [TSR AC 5.7.1]		7	7
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] *	3R AC 5.7.1] *	7	7
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)	olled Key box to DOS.*	7	7
Ensure all keys are returned to Controlled Key Box OR status is recorded in key log. *		7	7
Ensure exterior facility doors are closed and locked (except for administrative area).		7	7
(Day Shift) Performed By: Sign:	Print: () A S. ()	Date/Time:	15.30
(Day Shift) Reviewed By: Sign: A	Print: Steven B Contex	Date/Time:	1610
(Swing Shift) Performed By: Sign:	Print: Pantel Andrews	Date/Time:	825
(Swing Shift) Reviewed By: Sign:	Print: Bet L. Jullins	Date/Time:	0645

<sup>\*</sup> 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.

#### Attachment VI

#### Attachment 1 - Weekly RCRA Inspection Checklist for CWC

	Faci	lity/M	odule	24	03 WA Time:0830 Date: 18-31-07.
	#	Yes	No	N/A	Area Inspection
*	1				Lighting is adequate to complete inspection (where applicable)?
	2	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
*	3	/			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
	4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
	5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)
	#	Yes	No	N/A	Container Inspection
	6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
	7	/			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
	8	/			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
	9	/			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
	10	V			Third-tier containers are banded horizontally with metal band. [TSR]
-	scr Scr	atche 08	ant	ed pai	CRCRA pren tom 07-092, 135 1/2108
	1			rint/date /print/da	ate): Brad L. Slettene 1268



#### Attachment 1 - Weekly RCRA Inspection Checklist for CWC

Facil	litv/Ma	odule:	1110	3WA Time:/430 Date: 1/9/08			
#	Yes	NG	N/A	Area Inspection			
1		[]	1	Lighting is adequate to complete inspection (where applicable)?			
2	/	V.		Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5	/	-		Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
#	Yes	No	N/A	Container Inspection			
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7	1			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8	V			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
9	/			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
10	V		Ì	Third-tier containers are banded horizontally with metal band. [TSR]			
Com	nments	s/Obs	ervation Ne Re	ns: Openitement 07-047 Seams & sexutines and resealed openitem to 01-092 need ampling Ja 1/7/08 Need to re-Lapp			
Inspector (sign/print/date/time): Alyacharkush Min Alyacharbush 1/9/08 1430							
Tear		<u> </u>					
Team Lead (sign/print/date) Brad L. Siettene 11/0/07  Seed to re-lamp in 2403 WA							

to cook 2004 open from 15t.

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Faci	lity/M	odule	: 24	03 - WA Time: 1500 Date: 1/14/08				
#	Yes	No	N/A	Area Inspection				
1	/			Lighting is adequate to complete inspection (where applicable)?				
2	<b>/</b>			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?				
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?				
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?				
5	V		·	Aisle space between rows of containers appears to be at least 36 inches? (FHA)				
; #	Yes	No	N/A	Container Inspection				
6	1			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]				
7	/			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?				
8	<b>/</b>			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).				
9	/			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?				
1.0	V			Third-tier containers are banded horizontally with metal band. [TSR]				
Comments/Observations:  RCRA Open item Log# 07-042 Floorseams/scratches # 08-010 Lights out								
Insp	ector (s	sign/p	rint/date	time): Alleachastanh Fing Quechubush 1/14/08 1500				
Tear	n Lead	(sign	/print/da	ite): Brad L. Slettene 1 14 08				



#	Yes	No	N/A	Area Inspection   Time:   00 Date:   23 08		
1				Lighting is adequate to complete inspection (where applicable)?		
***	V			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are mact, unobscured, legible and in good condition.?		
,	/			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?		
-1				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?		
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)		
Н	Ves	No	N/A	Container Inspection		
6	<b>V</b>			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR		
7 <b>つ</b>	4			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?		
T	V			Container top does not have excessive outdup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nuclfils).		
()				Container marking/labeling is intact, unobscured, legible and in goo condition (where possible to inspect)?		
10	V			Third-tier containers are banded horizontally with metal band. [TSR		
r. Ai nspe	sle spa	ign/p	etwee ,	ns: Openitor of -042 Floor slams & Sevatenes need to be reseated.  Openitor to 08.010 - Needs (elamped.  mods 9+10 Q4 is less than 36" due to a pillar in the center of the Aisle  e/time): A washinger I'm Allectubush 1/23/08 1/00  ate): Brad L. Slettene 1/24/08		
I I ten #5 was corrected on 1/24/08, Aide space is undostructed 36". No open item 1754 comment is required 725 1/24/08						

Faci	lity/Mo	odule	: 24	03 WA Time: 0700 Date: 1-31-08		
#	Yes	No	N/A	Area Inspection		
1	$\sqrt{}$			Lighting is adequate to complete inspection (where applicable)?		
2	1			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?		
3	<b>-</b>		·	Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?		
4	<b>\</b>			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?		
5	\ \			Aisle space between rows of containers appears to be at least 36 inches? (FHA)		
#	Yes	No	N/A	Container Inspection		
6	>			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]		
7	<			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?		
8	<b>\</b>			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).		
9	1	-		Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?		
10	V			Third-tier containers are banded horizontally with metal band. [TSR]		
Com Fel Opl	Comments/Observations: Open tem 07-042 Floor Seams need fulsealed. Open tem to 8-010 Bendeng needs relamped. Open dem to 7-042 Floor savatones & seams need resealed.					
Inspe	ector (s	ign/pr	int/date	te): Brad L. Slettere 1 (26)		
Tean	1 Lead	(sign/	print/da	te): 65 - 21/08 Brad L. Sietterre 21/08		



#	Yes	.No	N/A	Area Inspection			
1				Lighting is adequate to complete inspection (where applicable)?			
.)		,		Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?			
	1	•		Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfalt (where applicable)?			
	V			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
Ť	3 portrand	· :		Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
Ħ	Yes	No	N/A	Container Inspection			
ζ'n		,		Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, accessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
( ) 4 1	/			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging or Nuclils).			
′)		x *		Container marking/labeling is intact, an obscured, legible and in good condition (where possible to inspect)?			
[()				Third-tier containers are banded horizontally with metal band. [TSR]			
Spe	ed ne nid	bea om	led -27-1	1s: Open tem # 07-042 Seams Escrationes. Open tem # 08-010 - Needs relamped. October Seams CAFAHy /2-10-08/0930			



Facility/Module: 2403 - WA Time: //00 Date: 2/13/08								
#	Yes	No	N/A	Area Inspection				
1				Lighting is adequate to complete inspection (where applicable)?				
2			·	Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible and in good condition.?				
-3	V			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?				
4	<b>V</b>			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?				
5	1			Aisle space between rows of containers appears to be at least 36 inches? (FHA)				
#	Yes	No	N/A	Container Inspection				
6	V			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]				
7	V			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?				
8	V	-		Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).				
9	1			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?				
10				Third-tier containers are banded horizontally with metal band. [TSR]				
Comments/Observations:  RCRA open item Log# 07-042 Flor slams/scratches  08-010 Lights								
			rint/date /print/da	e/time): Muschuler X Jim Musch abush 2/13/08 1100  ate): Brad L. Slettene 7/15/08				



Faci	ility/M	odule	: 240:	3-WA Time: 1000 Date: Feb. 20, 2008
14	Yes.	No	N/A;	Area Inspection
1	1			Lighting is adequate to complete inspection (where applicable)?
2	<b>✓</b>			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	<b>V</b>			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	<b>/</b>			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5 .	<b>V</b>			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6	1			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	<b>√</b>		-	Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	<b>√</b>			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9	<b>V</b>			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	<b>1</b>		-	Third-tier containers are banded horizontally with metal band. [TSR]
Com	ments	/Obse	ervation	15: See Open items en 07-042 (Floor) 08-010 (LIGHTS)
Inspe	ector (s	ign/n	int/date	/time) Bruce & Royal Bruce & Royalo Fr 20, 2008 1000
	<del></del>	-	/print/da	Sand Slottons
ı. Çanı	u Dogu	PIRIN	Printin da	2/2/10



Facility/Module: 2403WA Time: //00 Date: 2/27/08							
#	Yes	No	N/A	Area Inspection			
1	/			Lighting is adequate to complete inspection (where applicable)?			
2	V			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3	1			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4	<b>V</b>			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5	/			Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
#	Yes	No	N/A	Container Inspection			
6	V			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7	V		·	Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8	<b>V</b>			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
()				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
1()	V			Third-tier containers are banded horizontally with metal band. [TSR]			
Com	ments	/Obse	ervation	ns: Open item # 08-010 Building needs relamp 142 Seams on Floor need researed.			
Insp	ector (s	sign/p	rint/date	e/time): Il washestyred In Sturkherbust 2/27/08 1/80			
Tear	n Lead	(sign	/print/da	// ( V ) 1711/1/ 1/4-1			



Faci	lity/M	odule	: 2	403-WA Time: 1430 Date: 3/3/08				
#. *	Yes	No	N/A	Area Inspection				
1	V			Lighting is adequate to complete inspection (where applicable)?				
2	<b>/</b>			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?				
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?				
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?				
5			·	Aisle space between rows of containers appears to be at least 36 inches? (FHA)				
#	Yes	No.	N/A	Container Inspection				
- 6	V	-		Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]				
7	/			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?				
8	/			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).				
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?				
10	V			Third-tier containers are banded horizontally with metal band. [TSR]				
Comments/Observations:  RCRA open item log# 07-042 seams/scratches  08-010 lights  27-042 5.90 3/s/08								
Inspe	ector (p	rint/s	ign/date	e/time): Jing flus Charloush Meachabach 3/3/08 1430,				
Tean	n Lead	(print	/sign/d	ate): Brad L. Slettene 3/4/08				



Facil	Facility/Module: 2403WA Time: 1500 Date: 3-11-08						
#	Yes	No	<b>N/A</b> -	Area Inspection			
1				Lighting is adequate to complete inspection (where applicable)?			
2	V			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4	V			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5	1/			Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
#	Yes	No.	N/A	Container Inspection			
6	<i>\</i>			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7	l l			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
9	~			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
10				Third-tier containers are banded horizontally with metal band. [TSR]			
Comments/Observations: Openitem 07-042 Floor seams and paintscratche needed resealed.  Close on titen # 08-014! relamping is complete 135 3/12/08							
Insp	ector (	print/s	sign/dat	e/time): DFaith CRAWN 3-11-08/1500,			
Tea	n Leac	l (prin	t/sign/d	ate): Brad L. Slettene 3/12/07			



SW-040-043

Facility/Module: 2403WA Time:/000						Date: 3	1808		
#	Yes	No	N/A	Area Inspection					
1.	~			Lighting is adequate to complete inspe	ection (wh	ere appli	cable)?		
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?					
3		-		Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?					
4	/			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?					
5	/			Aisle space between rows of containers appears to be at least 36 inches? (FHA)					
#	Yes	No	N/A	Container Inspection					
6	V			Container integrity is not compromised penetrating scratches, loose lids, bulgin other damage/deterioration (where pos	ng, excess	sive corre	•		
7	V			Containers are closed, are stored in a rethe containers or cause them to leak, a spillage or leakage, such as moisture of (where possible to inspect)?	and show	no evider	nce of		
8	V			Container top does not have excessive would possibly interfere with the proportion ventilation system (such as, clogging or	er operati	on of the			
9	V		_	Container marking/labeling is intact, u condition (where possible to inspect)?	nobscure	d, legible	and in good		
10	V			Third-tier containers are banded horizon	ontally wi	th metal	band. [TSR]		
	Comments/Observations: Open ikm t 07-042 Floor seams Escrateres need served Open them 08-010 Retainping DDF 3-19-08								
			ign/date :/sign/da	/time): (17001 / 18-08 te): (1) Bra	- /,000 ad L. Sle	ttene 3	3/18/08		



Faci	Facility/Module: 2403WA Time:/520 Date: 3-25-06								
#	Yes	No	N/A	Area Inspection					
1				Lighting is adequate to complete inspection (where applicable)?					
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?					
3	6			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?					
4	+			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?					
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)					
#	Yes	No	N/A	Container Inspection					
6	V			Container integrity is not compromised by punctures. dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]					
7	V			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?					
8	V			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).					
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?					
10				Third-tier containers are banded horizontally with metal band. [TSR]					

Comments/Observations: Open ten 07-042 Floor Seams & scrateness need Dealed.



Pacifity/Module: 2403 WA Time: 1000 Date: 3 4/2/08					
Pacil	lity/Mo	odule	: 24	03 WA Time: 1000 Date: 3 4/2/08	
#	Yes	No	N/A	Area Inspection	
1	V		·	Lighting is adequate to complete inspection (where applicable)?	
2	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?	
	V			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated raintall (where applicable)?	
4	/			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?	
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)	
#	Yes	No	N/A	Container Inspection	
C,				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]	
7	<b>/</b>			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?	
8 .				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).	
,				Container marking/labeling is intact. a obscured, legible and in good condition (where possible to inspect)?	
10	V			Third-tier containers are banded horizontally with metal band. [TSR]	
Comments/Observations: Open Jem 07-042 Floor Scrateries and Searns need Sealody 4/2/08					
Inspe	ector (p	orint/s	ign/date	etime) (im Surgenbush Duckahed 4/2/08, 1900	
Tean	ı Lead	(prin	t/sign/da		



Faci	lity/Me	odule	: 27	Time: 1400 Date: 4-8.08		
#	Yes	No	N/A	Area Inspection		
1	W			Lighting is adequate to complete inspection (where applicable)?		
2	V			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?		
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?		
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?		
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)		
#	Yes	No	N/A	Container Inspection		
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]		
7	~			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?		
8	~			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).		
9	V			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?		
10	V			Third-tier containers are banded horizontally with metal band. [TSR]		
	Comments/Observations: Opentern # 07-042 Seams & Scrateries need resaled					
<u> </u>			ign/date			
Lean	n Lead	(print	/sign/da	ate): Q5—27/14 Brad L. Slettene 4/9/08		



	1		1	03WA Time: 1430 Date: April 15,08	
#	Yes	No	N/A	Area Inspection	
1	<b>\</b>			Lighting is adequate to complete inspection (where applicable)?	
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?	
3	<b>V</b>			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?	
4	<b>V</b>			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?	
5	/			Aisle space between rows of containers appears to be at least 36 inches? (FHA)	
#	Yes	No	N/A	Container Inspection	
6	<b>/</b>			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]	
7	<b>√</b>			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?	
8	<b>✓</b>			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).	
9	<b>\</b>			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?	
10				Third-tier containers are banded horizontally with metal band. [TSR]	
Comments/Observations: Open tem 07042 Seams & Scratches onfloor New Sealast.					
Inspe	ector (p	rint/si	gn/date	time & ruce Ap Rocaes, DRuce A. Rocaes 4/15/08 1430	
			/sign/da		



Facility/Module: 2403WA Time: 1500 Date: 4-21-08					
#	Yes	No	N/A	Area Inspection	
1				Lighting is adequate to complete inspection (where applicable)?	
2		r		Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?	
3	V		_	Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?	
4	V			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?	
5	~			Aisle space between rows of containers appears to be at least 36 inches? (FHA)	
#	Yes	No	N/A	Container Inspection	
6	レ			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]	
7	V			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?	
8	V			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).	
9	/			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?	
10				Third-tier containers are banded horizontally with metal band. [TSR]	
Com	iments	s/Obse	ervation ed .	ns: Opentem 08-07-042 Floor Sams & Scratche	
Insp	ector (	print/s	ign/date	e/time): ( ) to the work of 14-21-08/1500	
Tear	n Lead	(prin	t/sign/d	ate): Brad L. Slettene 4/24/8	



Faci	lity/M	odule	of the second	03WA Time: 1030 Date: 4-29.08	
#	Yes	No	N/A	Area Inspection	
1				Lighting is adequate to complete inspection (where applicable)?	
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?	
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?	
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?	
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)	
# *	Yes	No	N/A	Container Inspection	
6	·			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]	
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?	
8		_		Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).	
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?	
10				Third-tier containers are banded horizontally with metal band. [TSR]	
Com Wed	ments/ Stall	Obse	rvation	s: Openition 07-042 Sams & scratches on floor	
				/time): (DF out L/ Custual 4-29.08/1030	
[eam	Lead	(print/	/sign/da	te): Wayne Shannon Wayn Shanno 4/29/08	



Facility/Module: 2403-WA Time: 0900 Date: MAY 7, 2008					
#	Yes	No	N/A	Area Inspection	
1	<b>V</b>			Lighting is adequate to complete inspection (where applicable)?	
2	V		·	Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?	
3	✓			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?	
4	<b>√</b>			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?	
5	<b>✓</b>	-		Aisle space between rows of containers appears to be at least 36 inches? (FHA)	
#	Yes	No	N/A	Container Inspection	
6	1			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]	
7	<b>✓</b>			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?	
8	<b>V</b>			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).	
9	<b>V</b>			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?	
10	<b>V</b>			Third-tier containers are banded horizontally with metal band, [TSR]	
CPI	2 000 5	No	ervation	is: Open itens 4 07-042 Floor scratches E sealed.	
Insp	ector (	print/s	ign/date	e/time) Bruce A. GOGERS Bruce A Gogers 5/7/2008 0900	
				ate): Wayne Shannon Wayne Shorm 5/8/08	



Faci	Facility/Module: 2403 - WA Time: 1530 Date: MAY 12, 2008						
#	Yes	No	N/A	Area Inspection			
l	1			Lighting is adequate to complete inspection (where applicable)?			
2	1			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3	1			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4	1			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5	1		·	Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
#	Yes	No	N/A	Container Inspection			
6	1			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7	✓			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8	1			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
9	/			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
10	<b>/</b>			Third-tier containers are banded horizontally with metal band. [TSR]			
	Comments/Observations: Sec Open items on 07-042						
				time) Ruce A. Rocers Bruce A. roges 5/12/08 15:30			
Tean	1 Lead	(print	/sign/da	nte): Wayne Shannon Wayne Show 5/12/08			



Faci	lity/M	odule	: 24	103 WA Time: 9:00 Date: 5-19-08
14	Yes	No	N/A	Area Inspection
1				Lighting is adequate to complete inspection (where applicable)?
N A A	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are infact and in good condition. Facility/module ground postings are infact, anobscured, legible and in good condition.?
	/			Containment curbing and flooring us are constructed that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
.1	1			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
				Aisle space between rows of container; appears to be at least 36 inches? (FHA)
14	Yes	No	N/A	Container Inspection
()	/			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	V			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
	/			Container top does not have excessive and dup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Mucifile).
()	V			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10				Third-tier containers are banded horizontally with metal band. [TSR]

See open item List 07-042,

Inspector (print/sign/date/time): Fraser S. Hobbard States of Hobb



Faci	Facility/Module: 2403-WA Time: 1300 Date: 5-27-08						7-08
À.	Yes	No	N/A	Area Inspection			
1	V			Lighting is adequate to complete inspection (where applicable)?			
2	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3	1			Containment curbing and flooring to the concrete, cracks, or gaps an contain leaks, spills, and accumula	d is sufficient	ly impervious	to
4				Facility/module is generally dry unexpected water or snow accumu facility/module?	There is no st	anding and/or round	
5	V			Aisle space between rows of containches?	ainers appears	s to be at least	36 ( <b>FHA</b> )
# :	Yes	No	N/A	Container Inspection			
6	1			Container integrity is not compror penetrating scratches, loose lids, be other damage/deterioration (where	oulging, exces	sive corrosion	or [TSR]
7	1			Containers are closed, are stored the containers or cause them to lea spillage or leakage, such as moist (where possible to inspect)?	ak , and show	no evidence c	f
8				Container top does not have excess would possibly interfere with the ventilation system (such as, clogg	proper operat	ion of the drur	hat n's
9	1			Container marking/labeling is inte- condition (where possible to inspe-	act, unobscure ect)?	ed, legible and	in good
10	1			Third-tier containers are banded h	norizontally w	ith metal band	l. [TSR]
OPE	Comments/Observations:  Open Jan # 07-042 Floor Scralches + Floor SEAM REJAIR  # 08 29 Floor 125 5/22/08  Inspector (print/sign/date/time): frasa S. Hybbarg / Tana of Holl 5-27-03/1315						
			t/sign/d		Brad L. Sle	etténe $5/27$	108



Lighting is adequate to complete inspection (where applicable)?  Marker-barricades (chain barricades, chain-link fences, marker posette.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible and in good condition.?  Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?  Facility/module is generally dry. There is no standing and/or					
Marker-barricades (chain barricades, chain-link fences, marker posetic.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible and in good condition.?  Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?  Facility/module is generally dry. There is no standing and/or					
etc.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible and in good condition.?  Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?  Facility/module is generally dry. There is no standing and/or					
to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?  Facility/module is generally dry. There is no standing and/or					
unexpected water or snow accumulation in or around facility/module?					
Aisle space between rows of containers appears to be at least 36 inches? (FH					
# Yes. No N/A Container Inspection.					
Container integrify is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TS					
Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?					
Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).					
Container marking/labeling is intact, unobscured, legible and in go condition (where possible to inspect)?					
Third-tier containers are banded horizontally with metal band. [TS					
Comments/Observations: See open 1+em 67-042  In Quad. 1 mod. 12413 Ars/c 5 pacing 1ess 36''  Add to cocc ecra gran ten list and blood					
Inspector (print/sign/date/time): Frage 5. ft. bbad/ Trans Hell/ 6-3-08/					
Team Lead (print/sign/date): 65 2 2 Letter Brad L. Slettene 6/5-18					



Faci	Facility/Module: 2403 WA Time: 9/5 Date: 6-16-08						
#	Yes	No	N/A	Area Inspection			
1.				Lighting is adequate to complete inspection (where applicable)?			
2	/	,		Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3		/		Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4		/		Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5	/			Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
#	Yes	No	N/A	Container Inspection			
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7	/			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8	1	/		Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
10				Third-tier containers are banded horizontally with metal band. [TSR]			
Con	ments	/Obse	rvation	is: See openitur 65 + #07-042			
	Comments/Observations: See openitan 63 + #07-042  close on t #08-633-  spacing issue is corrected. HI 61408  Inspector (print/sign/date/time): frase & HSat Tigal Hull 6-10-03/0730						
Insp	ector (p	orint/s	ign/date	time): frases thoughting thull 16-10-03/0930			
Tear	n Lead	(print	/sign/da	ate): 6 A Slettene 6 4 08			



#	Yes	No	N/A	Area Inspection
1			e e e e e e e e e e e e e e e e e e e	Lighting is adequate to complete inspection (where applicable)?
2	./			Marker-barricades (chain barricades, chain-link fences, marker posts etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	/		<del></del>	Aisle space between rows of containers appears to be at least 36 inches? (FHA
#2	Yes	No.	N/A	Container Inspection
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10				Third-tier containers are banded horizontally with metal band. [TSR

Team Lead (print/sign/date): Frase S. H. band Trans Abull 6717-08.

Team Lead (print/sign/date): Brad L. Slettene 4/17/08



Facil	Facility/Module: 2403 WA Time: 1330 Date: 6-24-08						
#*	Yes	No	À/A.	Argarinspection 4: 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			
1		-		Lighting is adequate to complete inspection (where applicable)?			
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
1,#15	Yes	No	N/A.	Container Inspection			
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8	1			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
9	7			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
10				Third-tier containers are banded horizontally with metal band. [TSR]			
Con	nments	s/Obs	ervatio	ns: Needs Floors sweeppers. Lots of			
6/0	wn oadd	in Alo	dint.	see open item List 07-042  see open item List 07-042  sen item commet required is 6/15/18			
				ate): Detterne State Sta			



Facil	ity/Mo	dule	24	103 WA Time: 0940 Date: 6-30-08
#	Yes	No	N/A	Area Inspection
1	/			Lighting is adequate to complete inspection (where applicable)?
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	/			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	/			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	1	-		Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6	/			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	/			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	1	فهمناها دياج ر	and production	Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9	1			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	V			Third-tier containers are banded horizontally with metal band. [TSR]
Con	nment	s/Obs	ervatio	ns: See open item List 07-042
Insp	pector (	print/	sign/dat	te/time): Fraser S. Auroban & penser of bullond/6-30-08/9950
<del></del>			nt/sign/c	



Faci	ility/M	odule	: 2	403 Wa Time: 0900 Date: 7-7-08	
#	Yes	No	N/A	Area Inspection	
1	V			Lighting is adequate to complete inspection (where applicable)?	
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?	
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?	
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?	
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)	
#	Yes	No	N/A	Container Inspection	
6		/		Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]	
7		/		Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?	
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).	
9			,	Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?	
10		İ		Third-tier containers are banded horizontally with metal band. [TSR]	
Comments/Observations: See open iten List 07-042  Seams cracked  Inspector (print/sign/date/time): Fras & S. Auroband Trace of Rubband 7-7-p8/p9/5					
			/sign/da		
				7/8/10/1	



ļ	Fac	ility/M	odule	: 240	03WA Time: 1325 Date: 7-18-08
	\#	Yes	No	N/A	Area Inspection
J	<u>リ</u> 1	0			Lighting is adequate to complete inspection (where applicable)?
	2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
	3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
	4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
	5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)
	#	Yes	No	N/A	Container Inspection
	6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
	7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
	8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
	9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
	10	$\sqrt{}$			Third-tier containers are banded horizontally with metal band. [TSR]
	Com	ments/	Obsei	rvation	s: # 07-042
	Inspe	ctor (p	rint/si	gn/date/	(time): (DF) of a Charles 12-18-08/1325
	Геат	Lead (	(print/	sign/dat	



Fac	ility/M	odule	:: 2'	403WA Time() 930 Date: D7-22 -08		
#	Yes	No	N/A	Area Inspection		
1				Lighting is adequate to complete inspection (where applicable)?		
7	V			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition: Facility/module ground postings are intact, unobscured, legible and in good condition.?		
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?		
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?		
-5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)		
#	Yes	No	N/A	Container Inspection		
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]		
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?		
8	V			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).		
()	V			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?		
10				Third-tier containers are banded horizontally with metal band. [TSR]		
Comments/Observations: 7/22/08 #07-042						
Inspec	ctor (pi	int/si	 gn/date/	time) Cotosty Carle / 7-22-08/0930,		
		-	sign/dat			

	Facility/Module: 2403WA Time: 0945 Date: 7-29-08							
	\#	Yes	No	N/A	Area Inspection			
	$\mathcal{V}_1$				Lighting is adequate to complete inspection (where applicable)?			
	<u>.</u>				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?			
	3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
	-1	✓			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
	5	/			Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
	#	Yes	No	N/A	Container Inspection			
	(1				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
	7		<b>P</b>		Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
	P	A	<i>′</i>		Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nuclils).			
	()		,		Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
Ì	10				Third-tier containers are banded horizontally with metal band. [TSR]			
	Com nee lo 1	ments d sea ghts	Obse Leci	rvation eed	velamped at			
/	Inspector (print/sign/date/time): 1 Fost / Confuse 7-29-08 09.45; Team Lead (print/sign/date): 2 7 1 1 Brad L. Slettene 7/30/08							
	+ can	1 Lead	(print	( )   1	ichts out, need relaping to Cuc RCRA			
	_ A	42	•	opr	ights out, need relaping to cuc PCRA item list. 136 7/30/08			

Faci	lity/M	odule	: a'	103WA Time 345 Date: 8-5-08
#	Yes	No	N/A	Area Inspection
<u>,  </u>				Lighting is adequate to complete inspection (where applicable)?
2			-	Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
رر				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	V			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
17)	/			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
C,	/		·	Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	V			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	/	,.		Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as. clogging of NucFils).
()				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
1()	W/			Third-tier containers are banded horizontally with metal band. [TSR]
ne 5	ed v ligh:	eseo ts v	ued uld	relamped - open ten # 08-038
				e/time) 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1
Tean	ı Lead	(print	/sign/da	ate): 65—2 7/40/CL   Brad L. Siettene 8/6/08

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#	Yes	No	N/A	Area Inspection  Time: 1400 Date: Aug. 13,200
I	1			Lighting is adequate to complete inspection (where applicable)?
2	<b>/</b>		And the state of t	Marker-barricades (chain barricades, chain-link fences, marker posts etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	1			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	<b>√</b>			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	/			Aisle space between rows of containers appears to be at least 36 inches? (FHA
#	Yes	No	N/A	Container Inspection
6.	<b>√</b>			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR
7	1			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	1			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nucl'ils).
()	/			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
				Third-tier containers are banded horizontally with metal band. [TSR

Team Lead (print/sign/date):

Inspector (print/sign/date/time)

Brad L. Slettene



Fac	ility/M	odule	: 21	103WA Time: 1049 Date: 8-19-08
#	Yes	No	N/A	Area Inspection
	1	1		Lighting is adequate to complete inspection (where applicable)?
	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
;	./			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
1				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
()	/			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8		,		Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nuclifis).
()				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10				Third-tier containers are banded horizontally with metal band. [TSR]
Con	nments	/Obse	ervation	cluse out # 08-038 Relamping needed.
·	ector (p			Attime): (DF son total 8-19-08/1049  Ite): (B-12)   Brad L. Slettene 8/2018



Facility/Module: 2403WA Time: 1425Date: 8-25-08						
#	Yes	No	N/A	Area Inspection		
ı	V			Lighting is adequate to complete inspection (where applicable)?		
2	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible and in good condition.?		
.3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?		
-1		_		Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?		
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)		
#	Yes	No	N/A	Container Inspection		
6	1			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]		
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?		
8	レン			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NuclFils).		
()	レ			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?		
10	/			Third-tier containers are banded horizontally with metal band. [TSR]		
Comments/Observations: Open term 08-038 and amping PS 8/2466 # 07-042: Papan floor seams ad surtel						
				e/time): DESTINGTION /8-25-08/1425 ate): Brad L. Slettene 8/14/08		
Lean	n Lead	(prin	t/sign/da	8/14/08		



#### Attachment VII

Fac	Facility/Module: 2403 - WA Time: 100 Date: 1-3-07						
#_	Yes	No	N/A	Area Inspection			
(3)				Lighting is adequate to complete inspection (where applicable)?			
. ?				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3	V			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4	~		·	Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
#	Yes	No	N/A	Container Inspection			
6.				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8		-	·	Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
()				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
10				Third-tier containers are banded horizontally with metal band. [TSR]			
Comments/Observations: Joen itemet 06-140 Scratches and loons.  Quadrant 4 between m-9:10, 10 & 11 the vot is leathing.  Place on open tambist! andwart 4 roof leaking to 1/4/07							
Inspec	ctor (si	gn/pri	nt/date/	time): (Utach ( ) For 16/1-3-07/11,00			
Team	Lead (	sign/p	rint/dat	e): 65 Math Bl Stoffer 1/4/07			

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Faci	lity/M	odule	: 241	03 WA Time://00 Date: 01-09-07		
#	Yes	No	N/A	Area Inspection		
(6)				Lighting is adequate to complete inspection (where applicable)?		
2	V			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?		
3,	V			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?		
4	V			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?		
5	Ż			Aisle space between rows of containers appears to be at least 36 inches? (FHA)		
#	Yes	No	N/A	Container Inspection		
6	V			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]		
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?		
8	V			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).		
()				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?		
10	V			Third-tier containers are banded horizontally with metal band. [TSR]		
Comments/Observations: Scratenes on 71001 - Open tom 66-140, also Rod leaks.						
				e): 63 Whith BC SCHEL 1/10/07		
Team	Lead	(sign/p	orint/dat	e): 052 WLL 15C SLHC 1/10/07		

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Fac	ility/M	odule	: 24	03-WA Time: 1/30 Date: 1/15/07	
#	Yes	No	N/A	Area Inspection	
1	V			Lighting is adequate to complete inspection (where applicable)?	
2.				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?	
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?	
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?	
5			-	Aisle space between rows of containers appears to be at least 36 inches? (FHA)	
#	Yes	No	N/A	Container Inspection	
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]	
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?	
8	/		-	Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).	
()		-		Container marking/labeling is intact, unobscured. legible and in good condition (where possible to inspect)?	
10				Third-tier containers are banded horizontally with metal band. [TSR]	
RC	Comments/Observations:  RCRA open item Log # 06-140 (Floor scratches)				
			int/date.	and the state of t	
Tear	n Lead	(sign/	print/da	te): Bullelle Bl St. How 1/15-107	

Faci	lity/M	odule	:25	103 WA Time: 1435 Date: 1-23-07	
#/^	Yes	No	N/A	Area Inspection	
(1	/ /			eighting is adequate to complete inspection (where applicable)?	
2	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?	
3			·	Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?	
1	/			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?	
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)	
#	Yes	No	N/A	Container Inspection	
6			·	Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]	
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?	
8		/		Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nucl'ils).	
()		/.		Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?	
]()				Third-tier containers are banded horizontally with metal band. [TSR]	
Com	Comments/Observations: See Open Item on 06-140 "Scrotches on Floor"				
Inspe	ctor (s	ign/pr	int/date	/time): Oftall (C) fall 1-2307 1435	
	<del>-</del>		orint/da		



Fac	cility/N	Iodul	e: 24	fo 3 - WA Time: //00 Date: /-3/-07			
#	Yes		N/A	Area Inspection			
10	\ \ \ \	1.		Lighting is adequate to complete inspection (where applicable)?			
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3	/			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4	/			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
#	Yes	No	N/A	Container Inspection			
6		/		Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
()	V	,		Container marking/labeling is intact. unobscured, legible and in good condition (where possible to inspect)?			
10				Third-tier containers are banded horizontally with metal band. [TSR]			
Comi RC	Comments/Observations:  RCRA open item Log# 06-140 (Floor scratches)						
Inspec	etor (si	gn/pri	nt/date/1	time): Colube CDFSHh/1-31-07/1100			
Team	Lead (	sign/p	rint/date				
	1 Marin 1 Cocking Clips+1						



Faci	lity/Me	dule	240	3WA Time: 1500 Date: 2/6/07
#			N/A	Area Inspection
1	/			Lighting is adequate to complete inspection (where applicable)?
2	V			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	/			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	/			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	V			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspecțion
6	V			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	<b>V</b>			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	V			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9	V			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	1			Third-tier containers are banded horizontally with metal band. [TSR]

Comments/Observations:

RCRA open item Log# 06-140 (Floor scratches)

Building Need re-Lamping scheduled 2/6/07 gd in

Inspector (sign/print/date/time): Machinery Jim Oppolyments 2/6/07 1500

Team Lead (sign/print/date): Brad L. Sletters On Whith 2/6/07

close out # 06-140 painters repaired summing

Fac	ility/M	odule	: 2	403WA Time:/000 Date: 2-14-07		
#	Yes	No	N/A	Area Inspection		
(0)				Lighting is adequate to complete inspection (where applicable)?		
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?		
3	/			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?		
4		/		Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?		
5	(			Aisle space between rows of containers appears to be at least 36 inches? (FHA)		
#	Yes	No	N/A	Container Inspection		
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]		
7 .				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?		
8			. 1	Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).		
9			1	Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?		
10				Third-tier containers are banded horizontally with metal band. [TSR]		
Comi RC (	Comments/Observations:  RCRA open item Log# 07-007 (re-lamping)					
Insped	ctor (si	gn/prir	nt/date/t	ime): Charles /CD F24/n /2-14-07/10:00		
Team	Lead (	sign/p	rint/date			

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		7		03 - WA Time: 1/08 Date: 2-21-07
#	Yes	No	N/A	Area Inspection
10		<u> </u>		Lighting is adequate to complete inspection (where applicable)?
5	<u> </u>			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible and in good condition.?
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	-			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#   `	Yes	No	N/A	Container Inspection
5		-		Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
)	_			Third-tier containers are banded horizontally with metal band. [TSR]
omme	ents/O	bserv	ations	: Openutement 07-067 Relamping
specto	r (sigi	ı/print	t/date/t	ime) Collecte (DF2Fin/2-21-07/1101)
	1 / . 1		int/date	// 11 1 11x 1/x

Lighting is adequate to complete inspection (where applicable)?  Marker-barricades (chain barricades, chain-link fences, marker postect), around facility/module are intuct and in good condition. Facility/module ground postings are intact, unobscured, legible and good condition.?  Containment curbing and flooring is free of scratches that penetrate the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?  Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module  Aisle space between rows of containers appears to be at least 36 inches?  Container Inspection  Container Inspection  Container integrity is not compromised by punctures, dents, penetrating scratches, loose fids, bulging, excessive corrosion or othe damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:  RCRA open item log# 07-007 (rc-lamping)					403-WA Time: 1430 Date: 2/26/07
Marker-barricades (chain barricades, chain-link fences, marker postete.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and good condition.?  Containment curbing and flooring is free of scratches that penetrate the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?  Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module  Aisle space between rows of containers appears to be at least 36 inches?  Container Inspection  Container Inspection  Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or othe, damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak; and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:  RCRA open if an Apple of the Containers are banded horizontally with metal band. [TSR]	#	Yes	No	N/A	Area Inspection
etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and good condition.?  Containment curbing and flooring is free of scratches that penetrate the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?  Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module  Aisle space between rows of containers appears to be at least 36 inches?  (FHA  Yes No N/A Container Inspection  Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or othe, damage/deterioration (where possible to inspect). [TSR  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR] comments/Observations:  RCRA open item log## 07-007 (re-Lamping)		V			Lighting is adequate to complete inspection (where applicable)?
the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfal (where applicable)?  Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module  Aisle space between rows of containers appears to be at least 36 inches? (FHA)  Wes No N/A Container Inspection  Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or othe damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Tomments/Observations:  RCRA open item Log# 07-007 (re-Limping)		V			Facility/module ground postings are intact, unobscured, legible and in
Aisle space between rows of containers appears to be at least 36 inches?  Aisle space between rows of containers appears to be at least 36 inches?  (FHA  Wes No N/A Container Inspection  Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or othe damage/deterioration (where possible to inspect).  [TSR  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:  RCRA open item Log# 07-007 (re-Limping)	۲.				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
inches?  (FHA  Wes No N/A Container Inspection  Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or othe, damage/deterioration (where possible to inspect). [TSR  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:  RCRA open item Log# 07-007 (re-Lamping)	4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:  RCRA open item Log# 07-007 (re-Limping)	5	/			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
penetrating scratches. loose lids. bulging. excessive corrosion or othe. damage/deterioration (where possible to inspect). [TSR]  Containers are closed . are stored in a manner which will not rupture the containers or cause them to leak . and show no evidence of spillage or leakage. such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as. clogging of NucFils).  Container marking/labeling is intact. unobscured. legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  comments/Observations:  RCRA open . Log# 07-007 (re-lamping)	#	Yes	No	N/A	Container Inspection
the containers are closed at a first street in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:  RCRA open item log# 07-007 (re-lamping)		V			penetrating scratches. loose lids, bulging, excessive corrosion or other
would possibly interfere with the proper operation of the drum's ventilation system (such as. clogging of NucFils).  Container marking/labeling is intact. unobscured. legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:  RCRA open item Log# 07-007 (re-lamping)	,				the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath
condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Tomments/Observations:  RCRA open item Log# 07-007 (re-Lamping)  Asspector (sign/print/date/time): Assaclated Tyn (suckenbust 2/26/07 1430)					would possibly interfere with the proper operation of the drum's
spector (sign/print/date/time): Assurance of the surance months of the surance of					Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
RCRA open item log# 07-007 (re-Lamping)  spector (sign/print/date/time): Assachaful Jim Curkenbush 2/26/07 1430	)				Third-tier containers are banded horizontally with metal band. [TSR]
Manufacture (1) Superenbush 4/26/07 1950	omi RC	nents/( RA O	Obser Pen		
// / / // // // // // // // // // // //	spec	tor (sig	n/prin	it/date/t	ime) Theretof of Tim Quel - bid 2/21/22 11/22
eam Lead (sign/print/date):	am	Lead (s	sign/pr	int/date	



Fac	ility/M	odule	: 2	403WA Time: 1845 Date: 3-8-07		
#	Yes	No	N/A	Area Inspection		
(12		V		Lighting is adequate to complete inspection (where applicable)?		
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.'?		
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?		
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?		
5	✓			Aisle space between rows of containers appears to be at least 36 inches? (FHA)		
#	Yes	No	N/A	Container Inspection		
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]		
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?		
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nucliis).		
()				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?		
1()				Third-tier containers are banded horizontally with metal band. [TSR]		
Com and AJ	Comments/Observations: Drum # 0020207 was loaking. Placed in bag and placed on Spill paller. Mgmt notified.  Add to conc 2004 open tem list. 123/12/07					
Inspec	etor (si	gn/pri	nt/date/	(time) Offach /CDForth/3-8-07/1045		
			rint/dat			



Lighting is adequate to complete inspection (  Lighting is adequate to complete inspection (  Marker-barricades (chain barricades, chain-linetc.) around facility/module are intact and in Facility/module ground postings are intact. ungood condition.?  Containment curbing and flooring is free of so the concrete, cracks, or gaps and is sufficiently leaks, spills, and accumulated rainfall (where some spills) are inches?  Aisle space between rows of containers appear inches?  Wes No N/A Container Inspection  Container integrity is not compromised by purpenetrating scratches, loose lids, bulging, exceed damage/deterioration (where possible to inspection)	20Date: 3-12-07			
Marker-barricades (chain barricades, chain-linetc.) around facility/module are intact and in Facility/module ground postings are intact. ungood condition.?  Containment curbing and flooring is free of so the concrete, cracks, or gaps and is sufficiently leaks, spills, and accumulated rainfall (where spills). Facility/module is generally dry. There is no spills unexpected water or snow accumulation in or inches?  Aisle space between rows of containers appear inches?  Wes No N/A Container Inspection  Container integrity is not compromised by purpenetrating scratches, loose lids, bulging, exceed damage/deterioration (where possible to inspection).				
Marker-barricades (chain barricades, chain-linetc.) around facility/module are intact and in Facility/module ground postings are intact. un good condition.?  Containment curbing and flooring is free of so the concrete, cracks, or gaps and is sufficientleaks, spills, and accumulated rainfall (where leaks, spills, and accumulated rainfall (where leaks, spills, and accumulated rainfall of where leaks, spills, and accumulated rainfall of spills of spi	where applicable)?			
the concrete, cracks, or gaps and is sufficiently leaks, spills, and accumulated rainfall (where a facility/module is generally dry. There is no sunexpected water or snow accumulation in or unexpected water or snow accumulation in or inches?  # Yes No N/A Container Inspection  Container integrity is not compromised by purpenetrating scratches, loose lids, bulging, exceed damage/deterioration (where possible to inspection)	nk fences, marker posts, good condition.			
Aisle space between rows of containers appear inches?  # Yes No N/A Container Inspection  Container integrity is not compromised by pur penetrating scratches, loose lids, bulging, exceed damage/deterioration (where possible to inspection)	y impervious to contain			
inches?  # Yes No N/A Container Inspection  Container integrity is not compromised by pur penetrating scratches, loose lids, bulging, exceed damage/deterioration (where possible to inspection)	standing and/or around facility/module?			
Container integrity is not compromised by pur penetrating scratches, loose lids, bulging, exceded amage/deterioration (where possible to inspect to inspec	rs to be at least 36 (FHA)			
penetrating scratches, loose lids, bulging, exceded amage/deterioration (where possible to inspect				
7	essive corrosion or other			
Containers are closed, are stored in a manner the containers or cause them to leak, and show spillage or leakage, such as moisture on the side (where possible to inspect)?	w no evidence of			
Container top does not have excessive buildup would possibly interfere with the proper opera ventilation system (such as, clogging of NucFi	tion of the drum's			
Container marking/labeling is intact, unobscure condition (where possible to inspect)?	ed, legible and in good			
Third-tier containers are banded horizontally w	vith metal band. [TSR]			
Comments/Observations: 500 open Item US Logt 06-01  195t door Can't Unlock W/ Slowity Key whis is drawled on the case was granted 1.7t. 25 3/14/07  Inspector (sign/print/date/time) in bally self hinda Russell 3-12-07 1450  Team Lead (sign/print/date): 12 22 22 22 22 24/07				



Fac	cility/M	Iodul	e: 24	403-WA Time: 1300 Date: 3/21/07
#	Yes	No	N/AV	Area Inspection .
1	1			Lighting is adequate to complete inspection (where applicable)?
2	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	V			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4			,	Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	V			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes.	· No.	NA.	Cangang hisparatan
6	V			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7			·	Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	V			Third-tier containers are banded horizontally with metal band. [TSR]
Com WAS SEE	ments/ Sover RCR/	Obse PACK OP	rvation: ED ON EN 176	S: CLEAR RCRA OPEN ITEM LOG#07-020, CONTAINED 3/12/07. 75 3/21/07 EM LOG#07-007.
Inspe	ector (s	ign/pri	int/date/	time): State Hamake Scott HAMAKER 3/21/07 1300
Tean	1 Lead	(sign/p	orint/dat	e): 65 Mill Brad L. Slettene 3/21/07



Facil	lity/Mo	odule:	2	403-WA Time: //00 Date: 3/28/067
#	Yes	No	N/A	Area Inspection Xiston
1				Lighting is adequate to complete inspection (where applicable)?
2	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	V.			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	/			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6	V			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	V			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9		/		Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	V			Third-tier containers are banded horizontally with metal band. [TSR]
Com RC RC	ments RA (	Obse Dev Open	rvation	Log # 07-007 lights Log # Drum on spill pallet 3/18/17
Inspe	ector (s	sign/pi	int/date	e/time): glyachystrul Jim Quachabush 3/28/07 1100
Tean	ı Lead	(sign/	print/da	



SW-040-043

Fac	ility/M	odule	: 24	103-WA Time: 1430 Date: 4/2/07
#	2 m	No		Area Inspection
1	1			Lighting is adequate to complete inspection (where applicable)?
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6			-	Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	-			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	V			Third-tier containers are banded horizontally with metal band. [TSR]
Con	nments	Obse	ervation	1s: Log # 07-007 Ughts
Insp	ector (s	ign/pr	int/date	Hime Muchgabul In auchenbush 4/2/07 1430
			print/da	

Faci	ility/M	odule	: 240	3-WA Time: 1/00 Date: 4-11-07				
#	Yes	No	N/A	Area Inspection				
1	-			Lighting is adequate to complete inspection (where applicable)?				
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?				
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?				
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?				
5	1			Aisle space between rows of containers appears to be at least 36 inches? (FHA)				
#	Yes	No	N/A	Container Inspection				
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]				
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?				
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).				
9	/			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?				
10				Third-tier containers are banded horizontally with metal band. [TSR]				
	Comments/Observations: Openiten 07-007 Relamp completed OP							
÷	* Close out Open item on 07-007 Electricans Completed 135 4/1/07							
				/time) October 100 Tooks 4-11-07/1100				
			print/da					



# Yes No N/A Area Inspection  Lighting is adequate to complete inspection (where applicable)?  Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?  Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?  Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?  Aisle space between rows of containers appears to be at least 36 inches?  Container Inspection  Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]	Fac	ility/M	odule	: 24	103-WA Time: 1430 Date: 4/16/07	
Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?  Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?  Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?  Aisle space between rows of containers appears to be at least 36 inches?  (FHA)  Wes No N/A Container Inspection  Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:	#	Yes	No			
etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact. unobscured, legible and in good condition.?  Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?  Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?  Aisle space between rows of containers appears to be at least 36 inches?  (FHA)  Wes No. N/A. Container Inspection  Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:	١				Lighting is adequate to complete inspection (where applicable)?	
the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?  Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?  Aisle space between rows of containers appears to be at least 36 inches? (FHA)  Wes No N/A Container Inspection  Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:	2				etc.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible and in	
unexpected water or snow accumulation in or around facility/module?  Aisle space between rows of containers appears to be at least 36 inches? (FHA)  Wes No N/A Container Inspection  Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:	3					
# Yes No N/A Container Inspection  Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:	4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?	
Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:	5				, ,	
penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:	#	Yes	No	N/A	Container Inspection	
the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:	6				penetrating scratches, loose lids, bulging, excessive corrosion or other	
would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:	7				the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath	
condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:	8	/			would possibly interfere with the proper operation of the drum's	
Comments/Observations:	9.			·		
NA	10	V			Third-tier containers are banded horizontally with metal band. [TSR]	
Inspector (sign/print/date/time): Muschanlas Ira Norschanbus 4/16/07 1430	Comments/Observations:					
Inspector (sign/print/date/time): Mushaful Fra Nurshabush 4/16/07 1430	NA					
HUMINING HOUSENSK 11/0/0/1/10	 Inspe	ector (s	ign/nr	int/date	/time): All well of Tr Novel - hard All /2 1872	
Team Lead (sign/print/date): Jame Shown Wayne Shannin 4/16/07 1534					The second of th	



Fac	Facility/Module: 2403 - WA Time: 1430 Date: 4/23/07						
#	Yes	No	N/A	Area Inspection			
ì	V			Lighting is adequate to complete inspection (where applicable)?			
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5	V			Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
#	Yes	No	N/A	Container Inspection			
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7		-		Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
()		,		Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
10	V			Third-tier containers are banded horizontally with metal band. [TSR]			
Comments/Observations:							
Inspe	ector (si	gn/pri	nt/date/	(time): Marke do 1 In D. 1 1 1/22/12/1820			
	ı Lead (			Marian Men - In ( Chimenocon ) 20 101,112			

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Fac	ility/M	odule	:24	03WA Time: 1330 Date: 4/30/07			
#	Yes	No	N/A	Area Inspection			
1	1/			Lighting is adequate to complete inspection (where applicable)?			
2	V			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5	/			Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
#	Yes	No	N/A	Container Inspection			
6	\			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8	/			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
9)	1			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
1()				Third-tier containers are banded horizontally with metal band. [TSR]			
Comments/Observations:							
VVT							
nsp	ector (s	ign/pr	int/date/	time) Alugakunfrant Jin Musch which 4/30/07/330			
Геаг	n Lead	(sign/j	orint/dat	e) 65-27 Brad L. Slettene 4/30/07			



Fac	Facility/Module: 2403WA Time://00 Date: 5-9-07							
#	Yes	No	N/A	Area Inspection				
1				Lighting is adequate to complete inspection (where applicable)?				
2	V			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?				
3		0		Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?				
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?				
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)				
#	Yes	No	N/A	Container Inspection				
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]				
7		_		Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?				
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as. clogging of NucFils).				
()		- , 		Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?				
		<del></del> -						

Comments/Observations: () Seaws on Hoth are craded-Ned stated

Floor Scratches and Seams to curc Pera quenter list

Inspector (sign/print/date/time): Cafach CD Form/59-07/100

Team Lead (sign/print/date): All Brad L. Slettene 5 (D)



Fac	ility/M	odule	: 29	103-WA Time: //00 Date: 5/15/07		
#	Yes	No	N/A	Area Inspection		
1				Lighting is adequate to complete inspection (where applicable)?		
2	V			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?		
3			-	Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?		
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?		
5	V			Aisle space between rows of containers appears to be at least 36 inches? (FHA)		
#	Yes	No	N/A	Container Inspection		
6	/			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]		
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?		
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).		
9	<b>/</b>	,		Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?		
1()				Third-tier containers are banded horizontally with metal band. [TSR]		
Comments/Observations: RCRA open item Log# 07-042 seams/floor scratches						
Inspe	ector (s	ign/pr	 int/date	/time) Department I in Ourchabook 5/15/07 1/98		
<u>-</u> _			orint/da			



Fac	ility/M	odule	: 24	103-WA Time: 9'00mDate: 503 07		
#	Yes	No	N/A	Area Inspection		
	/			Lighting is adequate to complete inspection (where applicable)?		
2	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?		
3	/	X		Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?		
4	1			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?		
5	1			Aisle space between rows of containers appears to be at least 36 inches? (FHA)		
#	Yes	No	N/A	Container Inspection		
6	<b>V</b>			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]		
7	/			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?		
8	/			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).		
9 .	1			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?		
1()				Third-tier containers are banded horizontally with metal band. [TSR]		
Comments/Observations:  PCRA open item Log# 07-042 floor seems scratches						
Inspe	ector (s	ign/pr	int/date	/time): Patricia Carter 5/28/07, 9/2000		
Tean	n Lead	(sign/	print/da	te): Brad L. Slettene 5(23/17		



Fac	eility/M	odule	: 24	3-WA Time: 10,000 Date: 5/30/57				
#	Yes	No	N/A	Area Inspection				
	1			Lighting is adequate to complete inspection (where applicable)?				
<u>.</u>	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?				
2,	/			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?				
trace a	1			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?				
5	/			Aisle space between rows of containers appears to be at least 36 inches? (FHA)				
#	Yes	No	N/A	Container Inspection				
6	/			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]				
.7	\ \ \ \			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?				
8	1			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).				
()	1			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?				
[()	/			Third-tier containers are banded horizontally with metal band. [TSR]				
Com	Comments/Observations: Six open Item Logett 07-029 Locks Need Cleaning. 07-042 Painters							
				(time): Parvice Carter 5/3907 (300a)				
Tean	ı Lead (	sign/p	orint/da	(e): Wayse Show Wayse Shannon 5/30/07				



	ility/M	,—		103-WA Time: 1430 Date: 6/4/07			
#	Yes	No	N/A	Area Inspection			
1	V			Lighting is adequate to complete inspection (where applicable)?			
				Marker-barricades (chain barricades, chain-link fences, marker posts etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
!				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
.5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
#	Yes	No	N/A	Container Inspection			
ſı				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
`			-	Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nucfils).			
)			-	Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
()				Third-tier containers are banded horizontally with metal band. [TSR]			
Comments/Observations: RCRA open item Log# 07-042 floor/sems/seratches							
nspe	etor (si	gn/pr	int/date/	time pharacherbush Fin Acacherbush 6/4/27 1439			
				te): Wayne Sharm Wayne Shannon 6/4/87			

Fac	Facility/Module: 2403-WA Time: 1430 Date: 6/11/07								
#	Yes	No	N/A	Area Inspection					
1	V			Lighting is adequate to complete inspection (where applicable)?					
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?					
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?					
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?					
5	<b>V</b>			Aisle space between rows of containers appears to be at least 36 inches? (FHA)					
#	Yes	No	N/A	Container Inspection					
6	/			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]					
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?					
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).					
9				Container marking/labeling is intact, unobscured. legible and in good condition (where possible to inspect)?					
1()				Third-tier containers are banded horizontally with metal band. [TSR]					
Comments/Observations:  RCRA open item Log # 07-042 floors									
Insp	ector (s	ign/pr	int/date	time): Musckenfrush Jim Anckerbush 6/11/07, 1430					
Fear	n Lead	(sign/	print/da						



Fac	ility/M	odule	: 24	03WA Time: 150Wate: 10-19-07		
#	Yes	No	N/A	Area Inspection		
1_				Lighting is adequate to complete inspection (where applicable)?		
<u> </u>	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?		
3	1			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?		
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?		
5,				Aisle space between rows of containers appears to be at least 36 inches? (FHA)		
#	Yes	No	N/A	Container Inspection		
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids. bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]		
7.	/	,		Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?		
8	1		·	Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).		
9		/		Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?		
10				Third-tier containers are banded horizontally with metal band. [TSR]		
Comments/Observations: Open tem 07.042 Slams Efloors need parried						
		<u> </u>				
Tean	Lead	(sign/	print/da	Te): When plant of the first tell of the first t		



Faci	lity/M	odule	: 24	03WA Time: 100 Date: 6-26-07			
#	Yes	No	N/A	Area Inspection			
12	/	1		Lighting is adequate to complete inspection (where applicable)?			
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?			
ÿ	/			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
[#	Yes	No	N/A	Container Inspection			
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7	V			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8	V	/		Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
9				Container marking/labeling is intact. unobscured, legible and in good condition (where possible to inspect)?			
10				Third-tier containers are banded horizontally with metal band. [TSR]			
	Comments/Observations: Open tem 07-042 Floor & Seams need paint- Inspector (sign/print/date/time): Weekly OFTaith 10-26-07/1100						
Team	Lead	(sign/	print/da	te): 65 9 7/kt Brad L. Slettene / 1/27/07			



Fac	ility/M	odule	: 21	103WA Time: 1430 Date: 7/3/07
#	Yes	No	N/A	Area Inspection
1				Lighting is adequate to complete inspection (where applicable)?
2	V			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	/			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	V			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	/			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	Ñ/A	Container Inspection
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	V			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9	V			Container marking/labeling is intact. unobscured, legible and in good condition (where possible to inspect)?
10	V			Third-tier containers are banded horizontally with metal band. [TSR]
			ervation	/time) Munkerhood Jin Nurchabush 7/3/07 1430
	`		/print/da	



Fac	ility/M	odule	: 24	03WA Time: 2030 Date: July 10, 2007
#	Yes	No	N/A	Area Inspection
1	<b>\</b>			Lighting is adequate to complete inspection (where applicable)?
2	<b>/</b>			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	<b>✓</b>			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	1			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	/			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6	<b>✓</b>			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	<b>V</b>			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9	<b>V</b>			Container marking/labeling is intact. unobscured, legible and in good condition (where possible to inspect)?
10	<b>\</b>			Third-tier containers are banded horizontally with metal band. [TSR]
			ervation	
Tear	n Lead	(sign/	/print/da	te): With Brad L. Slettene 7/12/07



#	Yes	No	: 240 N/A	Area Inspection
1	1			Lighting is adequate to complete inspection (where applicable)?
2	1			Marker-barricades (chain barricades, chain-link fences, marker posts etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	1		Washington and the second seco	Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
+	<b>/</b>			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	1			Aisle space between rows of containers appears to be at least 36 inches? (FHA
#	Yes	No	N/A	Container Inspection
6	<b>√</b>		-	Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	<b>✓</b>			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	✓			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nucfils).
)	<b>✓</b>			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	✓			Third-tier containers are banded horizontally with metal band. [TSR]
Com	ments/	Obsei	rvation	s: See Open item on #07-042 Painters
nspe	ector (si	ign/pri	int/date	time) Bruce Aregers Bruce A. Rocces 7/18/2007, 1,33
		<del></del>	orint/da	



Fac	ility/M	odule	: 24	103WA Time: 0900 Date: 7-24-07
#	Yes	No	N/A	Area Inspection
j	/			Lighting is adequate to complete inspection (where applicable)?
2	/			Marker-barricades (chain barricades, chain-link fences, marker posts etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3		Ec7	24-67	Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	<b>/</b>			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	/			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6	/		·	Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	1			Third-tier containers are banded horizontally with metal band. [TSR]
				s: Open tem 07-042 Seamsefloors need sealed.  Drum with laundry bag inside, nogenten!  Pallet of wrapped waste.  PS-1:
Insp			int/date print/da	/time): R Cvow / R. Crow 7-24-07 0905  Ite): Brad L. Slettene 7/24/07



			<del></del>	3-WA Time: 1115 Date: 7-31-07
#	Yes	No	N/A	Area Inspection
1		·		Lighting is adequate to complete inspection (where applicable)?
				Marker-barricades (chain barricades, chain-link fences, marker posts etc.) around facility-module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
-1	/			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
Š				Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
'n		-		Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
<del>.</del>				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
`	<b>/</b>			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nucl'ils).
) .				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
()				Third-tier containers are banded horizontally with metal band. [TSR]
on	iments/	Obse:	rvation	18: See open item # 07-042
пара	 ector (si	gn/pr	int/date	time): R. Craw /R. Crow 7-31-07 1115
	n Lead (	<u> </u>		

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Fac	ility/M	odule	: 240	3-WA Time: 1015 Date: Aug. 8,200
#	Yes	No	N/A	Area Inspection
1	1			Lighting is adequate to complete inspection (where applicable)?
2	1			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	V			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	V	,		Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	1			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	1			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
()	W		·	Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	V			Third-tier containers are banded horizontally with metal band. [TSR]
Con	iments,		rvation	S: See Open item on # 07-042 I CALL PEST CONTROL (SPIDSES) NO open tem entry regular Ports  der spray to and PORA que tem 1. of 5/0
Insp	ector (s	ign/pr	int/date	time & June A Roger BRUCE A. POGES Auc 8,07 1015
				te): Brad L. Slettene & 9/07



Fac	ility/M	odule	: 24	103 - WA Time: 1030 Date: 8-13-07		
#	Yes	No	N/A	Area Inspection		
1				Lighting is adequate to complete inspection (where applicable)?		
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?		
3	1.	1	P3 8/5/07	Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?		
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?		
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)		
#	Yes	No	N/A	Container Inspection		
6	<b>✓</b>			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]		
7	<b>✓</b>			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?		
8	<b>/</b>			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).		
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)'?		
1()				Third-tier containers are banded horizontally with metal band. [TSR]		
Com	Comments/Observations: See open item # 07-042					
Inspe	ector (s.	ign/pr	int/date	/time): R Cvow/R Crow 8-13-07 1030   te): Brad L. Slettene 8/5/07		
Tean	n Lead	(sign/	print/da	te): Brad L. Slettene 8/5/07		



Fac	ality/M	lodule	: 2	403-WA Time: 1300 Date: 8-20-07
#	Yes	No	N/A	Area Inspection
	/			Lighting is adequate to complete inspection (where applicable)?
_	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
()		<b>/</b>		Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
1				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	/			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	.No	N/A	Container Inspection
6	/			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8		,		Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nucl-ils).
()				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)."
1()				Third-tier containers are banded horizontally with metal band. [TSR]
				s: See open item list # 07-042
	ector (s) 1 Lead			

Fac	ility/M	odule	: 24	03-WA Time: 1000 Date: 8-28-07
#	Yes	No	N/A	Area Inspection
I				Lighting is adequate to complete inspection (where applicable)?
2	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5.	/			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6	/			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	/			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
()				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10				Third-tier containers are banded horizontally with metal band. [TSR]
				s: See open item list #07-042
<u>:</u> _		<u> </u>	int/date	
Tean	ı Lead_	(sign/	print/da	te): 65 Weth Brad L. Slettene 8/29/07

Fac	ility/M	odule	: 24	03-WA Time: 1500 Date: 9/4/2007			
#	Yes	No	N/A	Area Inspection.			
1	<b>\</b>			Lighting is adequate to complete inspection (where applicable)?			
2	<b>✓</b>			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3	<b>/</b>			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
	1			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5	<b>✓</b>			Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
#	Yes	No:	NA	Container Inspection			
6	<b>✓</b>		·	Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7	<b>✓</b>	,		Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8	/			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
9	/			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
10	/			Third-tier containers are banded horizontally with metal band. [TSR]			
Com	Comments/Observations: See Open tem on # 07-042						
Inspe	ctor (s	ign/pri	int/date	time Bruce A. Rocquo Bruce A. Rocars 9/04/07 1500			
Team	Lead	(sign/p	print/da				

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Faci	ility/M	odule	: 240	03 - WA Time: /500 Date: 9/12/6	77
#	Yes.,	No.	N/A	Area Inspection	
1				Lighting is adequate to complete inspection (where applicable)?	
2	V			Marker-barricades (chain barricades, chain-link fences, marker poetc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible are in good condition.?	ŕ
3	V		-	Containment curbing and flooring is free of scratches that penetral to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?	
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?	
5	V			Aisle space between rows of containers appears to be at least 36 inches? (FI	HA)
#	Yes.	No.	NA.	Columner Inspection	2.4
6	V			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [Ts	SR]
7	V			Containers are closed, are stored in a manner which will not rupto the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?	ire
8	V			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).	
9				Container marking/labeling is intact, unobscured, legible and in go condition (where possible to inspect)?	ood
10				Third-tier containers are banded horizontally with metal band. [TS	SR]
Com	ments/	Obser	vations	s: See Open item on 07-042 Paint Repai	
Inspe	ctor (si	gn/pri	nt/date/	TO COM TOP AND TO THE PROPERTY OF THE PARTY	00
Team	Lead (	sign/p	rint/dat	te):65~ White Brad L. Slettene 9/14/07	



# Ves. No. Academyrection  Lighting is adequate to complete inspection (where applicable)?	77
Lighting is adequate to complete inspection (where applicable)?	1000
Marker-barricades (chain barricades, chain-link fences, marker po etc.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible an in good condition.?	
Containment curbing and flooring is free of scratches that penetrat to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?	e
Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?	. —
Aisle space between rows of containers appears to be at least 36 inches? (FH	A)
# Yes Not NAC Commission was a section.	
Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TS]	R]
Containers are closed, are stored in a manner which will not ruptur the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?	е
Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).	
Container marking/labeling is intact, unobscured, legible and in goo condition (where possible to inspect)?	d
Third-tier containers are banded horizontally with metal band. [TSF	<b>!</b> ]
Comments/Observations:  SEE RCRA OPEN ITEM LOG #07-042.	
Inspector (sign/print/date/time) Spot Hamker \$1/8/07 1330	
Team Lead (sign/print/date): Brad L. Slettene 9/18/07	

Faci	Facility/Module: 2403-WA Time: 1430 Date: 9/26/07						
#	Yes	No	N/A	Area Inspection			
1	V			Lighting is adequate to complete inspection (where applicable)?			
2	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3	/	r		Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4	V			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
#	Yes	No	N/A	Container Inspection			
6	~			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8	V	•		Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
9	V			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
		/		condition (where possible to inspect):			

Comments/Observations: SEE RCRA OPEN ITEM LOG# 07-042.

Team Lead (sign/print/date): Statt Kampber Scott Hample 9/26/67 1430

Team Lead (sign/print/date): Brad L. Slettene 9/27/07



Fac	Facility/Module: 2403-WA Time: 1100 Date: 007.2,2007						
#	Yes	No	N/A	Area Inspection			
. !	✓			Lighting is adequate to complete inspection (where applicable)?			
2	<b>/</b>			Marker-barricades (chain barricades, statin-line fences, marker posts, etc.) around facility/module are interfered in good condition. Facility/module ground postings are a real transpactived, legible and in good condition.?			
3	<b>✓</b>			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4	<b>/</b>			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation is or around facility/module?			
5	<b>V</b>			Aisle space between rows of container, at pears to be at least 36 inches? (FHA)			
, <i>il</i>	Yes	No	N/A	Container Inspection			
<i>ii</i>	Yes 🗸	No	N/A	Container Inspection  Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
·	1	No	N/A	Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or			
6	1	No	N/A	Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and mow no evidence of spillage or leakage, such as moisture on the ridges or underneath			
7	1	No	N/A	Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and mow no evidence of spillage or leakage, such as moisture on the zides or underneath (where possible to inspect)?  Container top does not have excessive building of dirt/debris that would possibly interfere with the proper operation of the drum's			
7	1	No	N/A	Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and mow no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive building of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nucliis).  Container marking/labeling is intact, unobscured, legible and in good			

Inspector (sign/print/date/time Brad L. Slettene | Team Lead (sign/print/date)**:/** 



Faci	lity/M	odule	: 24	03-WA Time: 1445 Date: 10/9/07
#	Yes	No	N/A	Area Inspection
1,	V			Lighting is adequate to complete inspection (where applicable)?
<u> </u>	1			Marker-barricades (chain barricades, chain-link fences, marker post etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	/			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	/			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5		(×	)	Aisle space between rows of containers appears to be at least 36 inches? (FHA
#	Yes	No	N/A	Container Inspection
6	/			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR
7	<b>√</b>	-		Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
∞ <i> </i>	/			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
*()	1			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10				Third-tier containers are banded horizontally with metal band. [TSR
iom RC	ments RA Isle	Obse Open	rvation  ife  i N	n Logt 07-042 cracked Ploor + seams Q4 mod 8-9 is Less +han 36"

Team Lead (sign/print/date): Washington Timbuschebud 10/9/07 1445

Brad L. Slettene 10/12/2

4ddto cove DCR4 open item list with this added comment:

Waste containers an compliant with all spacing requirements space between pallets is less than 36% 

R 10/12/07

Page 33 of 60

#	Yes	No	N/A	Area Inspection
				Lighting is adequate to complete inspection (where applicable)?
2	~	70.00		Marker-barricades (chain barricades, chain-link fences, marker posts etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
.3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated minfall (where applicable)?
4		·		Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	~			Aisle space between rows of containers appears to be at least 36 inches? (FHA
#	Yes	No	N/A	Container Inspection
6	V			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	V		,	Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
S				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nucl'ils).
()	~			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
()	V			Third-tier containers are banded horizontally with metal band. [TSR
5E	E RI	CRA		117EM LOG # 07-042 AND 07-069.  /time / Cutt Hamaker 10/16/07 113



Fac	ility/M	odule	: 240	3-WA Time: 1355 Date: 10-25-07
#_	Yes	No	N/A	Area Inspection
İ	1			Lighting is adequate to complete inspection (where applicable)?
	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
.3	V			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
+	1			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5 .	1			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6	V			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	1			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	/			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
()	V			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect):
10	/			Third-tier containers are banded horizontally with metal band. [TSR]
				is: OPENITEM # 07-042-NEED PAINTERS  "" " 07-069-SPACEING TAKEN CARE OF RIT  STILL SHOWS AS OPENITEM  CON CONNECTED. Close and # 07-069. 175/ 10/26/07  Writime: RRRugh Row Rust 10-25-07 Bruce A Royaes Bruss AST
Fean	n Lead	(sign/	print/da	nte): Brad L. Slettene WZVI7

Yes   No   N/A   Area Inspection	Fac	ility/M	odulo	: 240	3WA Time:/030 Date: 18-30-07
Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible and in good condition.?  Containment curbing and flooring is five of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated minfall (where applicable)?  Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?  Aisle space between rows of containers appears to be at least 36 inches?  (FHA)  # Ves No N/A Container Inspection  Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nucl ils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect):  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:Openation Office (Suffer Nucl ils).	Y	1			
etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?  Containment curbing and thoring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?  Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?  Aisle space between rows of containers appears to be at least 36 inches?  (FHA)  Wes No N/A Container Inspection  Container Inspection  Container Inspection (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nucl-fils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:Opentum - DT-OPE Flott Stams.	NY	1			Lighting is adequate to complete inspection (where applicable)?
to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?  Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?  Aisle space between rows of containers appears to be at least 36 inches? (FHA)  Wes No N/A Container Inspection  Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, elogging of Nucl its).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band, [TSR]  Comments/Observations:Openation - D7-042 Flota Sams.					etc.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible and
unexpected water or snow accumulation in or around facility/module?  Aisle space between rows of containers appears to be at least 36 inches? (FHA)  Wes No N/A Container Inspection  Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nucl ils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect):  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:Openution of 7-042 Flow Slams.		-			to the concrete, cracks, or gaps and is sufficiently impervious to
inches? (FHA)  # Yes No N/A Container Inspection  Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nuclils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect).  Third-tier containers are bunded horizontally with metal band. [TSR]  Comments/Observations:Openuture - D7-042 Floot Sams.	.1	0			unexpected water or snow accumulation in or around
Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nucl ils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect).  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:Openation - D7-042 Flots Stams.	5				1
penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]  Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nucl-ils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect):  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:Openation - D7-042 Floot Sams.	#	Yes	No	N/A	Container Inspection
the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?  Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nuclits).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect):  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:Openation - D7-042 Floot Slams.	6				penetrating scratches, loose lids, bulging, excessive corrosion or
would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nuclils).  Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect):  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:Operation - 07-042 Floor Stams.	7	<u> </u>	,		the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath
condition (where possible to inspect)?  Third-tier containers are banded horizontally with metal band. [TSR]  Comments/Observations:Open tem - 07-042 Floot Stams.  Inspector (sign/print/date/time) (Mach Cofound 10-30-07/1030.	8				would possibly interfere with the proper operation of the drum's
Comments/Observations: Open tem - 07-042 Floor Stams.  Inspector (sign/print/date/time) Charles Color (D-30-07 1030,	()				
Inspector (sign/print/date/time) Chack CD Tour 10-30-07 /1030,	10		,		Third-tier containers are banded horizontally with metal band. [TSR]
Team Lead (sign/print/date): 10/30/07					



Fac	ility/M	lodule	2: 24	03-WA Time: 1100 Date: Nov. 7, 2007	
#	Yes	No	N/A	Area Inspection	
	1			Lighting is adequate to complete inspection (where applicable)?	
7	1			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?	
	1			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?	
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?	
5	<b>V</b>			Aisle space between rows of containers appears to be at least 36 inches? (FHA)	
#	Yes	No	N/A	Container Inspection	
6	<b>✓</b>			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]	
7	<b>√</b>		·	Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?	
8	<b>✓</b>			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as: clogging of Nucl'ils).	
()	<b>√</b>			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect):	
10-	<b>/</b>			Third-tier containers are banded horizontally with metal band. [TSR]	
Comments/Observations: See Open tem on # 07-042 (Floors).					
Inspe	ctor (si	gn/pri	nt/date/	time Bruce A. Roger Bruce A. Rocces 11/07/07, 1100	
Team	Lead (	sign/[	orint/da	Brad L. Slettene 1/8/17	

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		_		3-WA Time: 1315 Date: Nov.14, 2007	
1/2	Yes	No	N/A	Area Inspection	
10	<b>✓</b>		<u></u>	Lighting is adequate to complete inspection (where applicable)?	
2	<b>\</b>			Marker-barricades (chain barricades, strain tink fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are invact, anobscured, legible and in good condition.?	
3	✓			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated minfall (where applicable)?	
.4	✓			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?	
5	<b>√</b>			Aisle space between rows of containers appears to be at least 36 inches? (FHA)	
#	Yes	No	Ň/A	Container Inspection	
6	<b>√</b>			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]	
7	/			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?	
3	<b>√</b>			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nucliils).	
()	<b>/</b>			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?	
0	<b>/</b>			Third-tier containers are banded horizontally with metal band. [TSR]	
omments/Observations: See Open item on # 07-042 (PAINTERS NEEDED.					
napec	ctor (si	gn/pri	int/date/	time) Squee A. Rogers Bruce A. Rosers Nov. 14,2007 1315	
Cam	Lead	(sign/i	orint/da		

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Fac	Facility/Module: 2403-WA Time: 1800 Date: 11/19/67						
Н	Yes	No	N/A	Area Inspection			
1				Lighting is adequate to complete inspection (where applicable)?			
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are infact and in good condition. Facility/module ground postings are infact unobscured, legible and in good condition.?			
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated minfall (where applicable)?			
1 4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
#	Yes	No	N/A	Container Inspection			
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8		,	,	Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nucfils).			
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
10				Third-tier containers are banded horizontally with metal band. [TSR]			

Comments/Observations: See Open den on # 07-042

Team Lead (sign/print/date): Brad L. Slettene



Faci	lity/M	odule	: 24	03-WA Time: 1330 Date: Nov. 28,2007			
#	Yes	No	N/A	Area Inspection			
1	/			Lighting is adequate to complete inspection (where applicable)?			
2	1			Marker-barricades (chain barricades, chain link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are innect unobscured, legible and in good condition.?			
3	<b>\</b>			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5	<b>\</b>			Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
#	Yes	No	N/A	Container Inspection			
6	/			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7	1			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8	<b>✓</b>			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
9	<b>\</b>			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
10	<b>✓</b>			Third-tier containers are banded horizontally with metal band. [TSR]			
RC	* NEED TO RELAMP. add to CINC PURA grantom! it is 11/28/07						
			print/da	time) Squeet Rogers Sauce A. Rocces Nov. 28,2007, 1330 (te): Day Brad L. Slettene 1/2/17			
		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	<u> </u>	19107			



Fac	ility/M	odule	2403-WA Time: 0830 Date: 12-04-2007
#	Yes	No	N/A Area Inspection
1	1		Lighting is adequate to complete inspection (where applicable)?
2	V		Marker-barricades (chain barricades, chain-link fences, marker posts etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
. 3	V		Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	~		Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5			Aisle space between rows of containers appears to be at least 36 inches? (FHA
#	Yes	Nο	N/A Container Inspection
(1			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR
7	V		Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
S	~		Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
()	V		Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10			Third-tier containers are banded horizontally with metal band. [TSR]
		and the second	vations: 5 EE RCRA OPEN ITEM # 07-042, 07-092
Tean	Lead	(sign	int/date) Sayty beth Januar J. WOENLS 12-04-207 3150  Brad L. Slettene



Faci	ility/M	odule	: 24	03 WA Time: 14:45 Date: 12-10-2017			
#	Yes	No	N/A	Area Inspection			
1_				Lighting is adequate to complete inspection (where applicable)?			
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3	/			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4	V		·	Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
#	Yes	No	N/A	Container Inspection			
6	~			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7	V			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
.0				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
10	V			Third-tier containers are banded horizontally with metal band. [TSR]			
	Comments/Observations: SEE RCRA OPEN ITEMS # 07-042, 07-092						
			int/date	The state of the s			
ı ean	Lead	(sign/	print/da	10): WY WWW Diau E. Diau E. 12/11/07			

Faci	lity/M	odule	: 2	403 WA Time: 12:50 Date: 12-19-2001
#	Yes	No	N/A	Area Inspection
1	<i>i</i>			Lighting is adequate to complete inspection (where applicable)?
2	<i>~</i>	•		Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	/			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	V			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5			·	Aisle space between rows of containers appears to be at least 36 inches? (FHA)
# ,	Yes	No	Ń/A	Container Inspection
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	V			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9	V			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10				Third-tier containers are banded horizontally with metal band. [TSR]
Com	ments	/Obse	ervation	IS: SEE RCRA OPEN ITEMEN 07-042, 07-092
Inspe	ector (s	ign/p	rint/date	/time): So Albella DANIOCJ. WOEHLE 12-19-2007 13:50
Tean	ı Lead	(sign	/print/da	ite): 65-47/lutt 12/19/24

Brad L. Slettene



#	Yes	No	: 340 N/A	Area Inspection
				Lighting is adequate to complete inspection (where applicable)?
9	اسما	,		Marker-barricades (chain barricades, chain-link fences, marker posts etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	1			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	سمنا			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
Ĭ	نس <b>ن</b>			Aisle space between rows of containers appears to be at least 36 inches? (FHA
#.	Yes	No	N/A	Container Inspection
6	- Lauran en			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	-	····	·	Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	V			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9	· L			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
1()				Third-tier containers are banded horizontally with metal band. [TSR
				is: Opentamet 07-042 Floor & Slams need sealed opentamet 07-042 Relamp.
Inspe	ector (s	ign/p	rint/date	Hime): Charles (SFS64)12-27-07/0930 1
			/print/da	



#### Attachment VIII

			Dan ta Santa a santa	24	A constitution of the Section
	#_	Yes	No	N/A	Area Inspection
-	1				Lighting is adequate to complete inspection (where applicable)?
	2	/			Marker-barricades (chain barricades, chain-link fences, marker posts etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
	3	<b>V</b>			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
-	4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
	5				Aisle space between rows of containers appears to be at least 36 inches? (FHA
	#	Yes	No	N/A	Container Inspection
	6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR
	7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
	8	/			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
	9	/			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
	10	V			Third-tier containers are banded horizontally with metal band. [TSR
	ligh Scr	atche	one	ed fai	15: × openitem 07-092-redthelamped-Close 0709 ** openitem 07-042 Seams in floor cracked; nt: CRCRA pren Jan 07-092, 135 /2/08
			sign/p		e/time & Jan 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1



Faci	lity/Mo	dule	240	3WA Time: 1430 Date: 1/9/08
#	Yes	<b>)</b> /6-	N/A	Area Inspection
1		$(\sqrt{\ })$		Lighting is adequate to complete inspection (where applicable)?
2	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	/			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	V			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	1			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	V			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9	/			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	V			Third-tier containers are banded horizontally with metal band. [TSR]
Con	nments	s/Obs	ne	ns: Openitema 07-047 Seams & Sexutenes ad resealed opendem & 01-092 need amperog se 1/7/08 Need to re-Lapp
Insp	ector (	sign/p	rint/dat	e/time): Glunchenkush Jim Anchonbush 1/9/08 1,43 c

to cove RCOA open from 1:5t.

Page 33 of 60

Facil	lity/Mo	dule	240	73 - WA Time: 1500 Date: 1/14/08			
Ħ	Yes	No	N/A	Area Inspection			
1	/			Lighting is adequate to complete inspection (where applicable)?			
2.	1			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible and in good condition.?			
ζ,	/			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4	/			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5	V .			Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
; #	Yes	No	N/A	Container Inspection			
6	1			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7	/			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8	/			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
9	/			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
10	V			Third-tier containers are banded horizontally with metal band. [TSR]			
Com	Comments/Observations:  RCRA Open item Log# 07-042 Floorsems/scratches  # 08-010 Lights out						
Inspe	ector (s	sign/p	rint/date	Hime): Allegohaffish Fing Queschubuch 1/14/08 1500			
Tear	n Lead	(sign	/print/da	ite): Brad L. Slettene 1 14 08			



#	Yes	No	N/A	Area Inspection  Time: //00 Date: 1/23/08
	V			Lighting is adequate to complete inspection (where applicable)?
· 3				Marker-barricades (chain barricades, chain-link fences, marker posts etc.) around facility/module are intact and in good condition. Facility/module ground postings are mact anobscured, legible and in good condition.?
``	V			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
-4 ·*	/			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA
#	Ves	No	N/A	Container Inspection
6	<b>V</b>			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR
7 <b>つ</b>	72			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
V	V			Container top does not have excessive outdup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nuclfils).
t)		-		Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	V			Third-tier containers are banded horizontally with metal band. [TSR
5. <i>Ai</i> nspe	sle spa	sign/p	etwew .	ns: Opention to 07-042 Floor stams & Evatenes need to be reseated.  Opention to 08-010 - Needs (elamped.  mods 9+10 Q4 is less than 36" due to a pillar in the center of the Aisle  e/time): Quarkenful Jin Allectubush 1/23/08 1/00  ate): Brad L. Slettene 1/24/08
· N. C.I.I.I				
	22m	#5	was	Corrected on 1/24/08, Aisle space is 36%. No open item 17st comment is 1/24/08

Faci	lity/Mo	odule	: 24	03 WA Time: 700 Date: 1-31-08
#	Yes	No	N/A	Area Inspection
1	V			Lighting is adequate to complete inspection (where applicable)?
2	1			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	1			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	<b>V</b>			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5.	V			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6	<b>√</b>			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	<b>√</b>			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	<b>V</b>			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9	<b>V</b>			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	1			Third-tier containers are banded horizontally with metal band. [TSR]
Con Tu Ope	nments Esecu	Obseled	ervation Ope	ns: Opentiem 07-042 Floor Seams need en Home 08-010 Beuldens needs relamped. -042 Floor Savatches & Seams need resealed
<b>⊢</b>		<del>-</del> -		etime): Bruce M. Pogen Bruce A. Roces 1/31/08 0900  ate): 6 Setterie   Communication   Communi
Tear	n Lead	(sign	/print/da	ate): 65 Brad L. Siello 2 1/08



ood condition.  Obscured, legible and
obscured, legible and
ntches that penetrate the impervious to where applicable)?
tanding and/or round
s to be at least 36 (FHA)
ctures, dents, sive corrosion or nspect). [TSR]
which will not rupture no evidence of es or underneath
of dirt/debris that ion of the drum's st.
ed. legible and in good
ith metal band. [TSR]



Faci	lity/M	odule	: 24	03-WA Time: 1/00 Date: 2/13/08			
#	Yes	No	N/A	Area Inspection			
1	V			Lighting is adequate to complete inspection (where applicable)?			
2	V			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3	V			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
. 4	<b>V</b>			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5	1			Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
#	Yes	No	N/A	Container Inspection			
6	V			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7	V			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8	V	•		Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
9	1			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
10				Third-tier containers are banded horizontally with metal band. [TSR]			
Com	Comments/Observations:  RCRA open if an Log# 07-042 FLor slams/scratches  08-010 Lights						
	<u>`</u>		rint/date /print/da	etime): Muschulus Jim Musch obush 2/13/08 1100 (ate): Drad L. Slettene 7/15/08			



'aci	lity/M	odule	: 240	3-WA Time: 1000 Date: Feb. 20, 2008
#	Yes	No	N/A	Area Inspection
1 _	1			Lighting is adequate to complete inspection (where applicable)?
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible and in good condition.?
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	<b>V</b>			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5 .	$\sqrt{}$			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6	/			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7.	<b>\</b>			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	<b>√</b>			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9	1			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	1			Third-tier containers are banded horizontally with metal band. [TSR]
Com	ments	/Obse	ervatio	115: See Open items en 07-042 (FLOOR) 08-010 (LIGHTS)
Inspe	ector (s	sign/pi	rint/date	e/time) Bruge & Rocky Bruce A. ROCERS FEB. 20, 2008 1000
	<del></del>		/print/d	Clothons 1
	<u> </u>		<u>-                                     </u>	72110



Faci	lity/M	odule	240	33WA Time: /100 Date: 2/27/08
#	Yes	No	N/A	Area Inspection
1	/			Lighting is adequate to complete inspection (where applicable)?
2	V			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	1			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	<b>V</b>			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	/		_	Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
()	V			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	/			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	$\sqrt{}$	i		Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
()	V			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
1()	V			Third-tier containers are banded horizontally with metal band. [TSR]
				us: Open item # 08-010 Building needs retamped 12 Seams on Floor need researed.
	<u>`</u>	<del></del>	/print/da	The state of the s



Faci	lity/M	odule	: 2	403-WA Time: 1430 Date: 3/3/08	
#	Yes	No	N/A	Area Inspection	
1	<b>V</b>			Lighting is adequate to complete inspection (where applicable)?	
2	<b>V</b>			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?	
3		-		Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?	
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?	
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)	
#	Yes	No.	N/A	Container Inspection	
6	V			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]	
7	/			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?	
8	V			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).	
9	/			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?	
10	V			Third-tier containers are banded horizontally with metal band. [TSR]	
Comments/Observations:  RCRA open item Log # 07-042 seams/seratches  13 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2					
Inspe	ector (p	rint/s	ign/date	etime): Jim Susfambush Muschahut 3/3/08 1430,	
Tean	n Lead	(print	/sign/da		



- Faci	lity/M	odule:	240	53WA Time: 1500 Date: 3-11-08
# *	Yes		2. 2	Area Inspection
1				Lighting is adequate to complete inspection (where applicable)?
2	V			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	1			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	V			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	1/	-		Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No.	N/A	Container Inspection
6	V			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	i/			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9	V			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10				Third-tier containers are banded horizontally with metal band. [TSR]
Nee	ded v	'l'S-la	Wa.	ns: Openitem 07-042 Floor seams and paintscrate close on titem # 08-1014! relamping is complete 135 3/12/08
Insp	ector (	print/s	sign/dat	e/time): OFaith Column 3-11-08 /1500
			t/sign/d	



Faci	lity/M	odule	: 240	3WA Time:/000 Date: 3-18-08
#	Yes	No	N/A	Area Inspection
1.	V			Lighting is adequate to complete inspection (where applicable)?
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3		÷		Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	/			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6	V			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	V		-	Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	1/			Third-tier containers are banded horizontally with metal band. [TSR]
Com Ope	ments.	Obse	ervation	ns: Open ikm t 07-042 Floor seams Escratches need sould Retamping CDF 3-19-08
Inspe	ector (p	rint/s	ign/date	e/time): Of John Matheway 3-18-08/1000
Tean	n Lead	(print	/sign/da	ate): 63 18/08 Brad L. Slettene 3/18/08



Faci	lity/Mo	odule	240:	3WA Time:/520 Date: 3-25-05	
#	Yes	No	N/A	Area Inspection	
1	1/			Lighting is adequate to complete inspection (where applicable)?	
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?	
3	V	-		Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?	
4	V			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?	
5	w	_		Aisle space between rows of containers appears to be at least 36 inches? (FHA)	
#	Yes	No	N/A	Container Inspection	
6	V			Container integrity is not compromised by punctures. dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]	
7	V			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?	
8	V			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).	
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?	
10				Third-tier containers are banded horizontally with metal band. [TSR]	
Con	Comments/Observations: Open Lens 07-042 Floor Sexans & scrateres				

Comments/Observations: Open Len 07-042 Floer seasons & scraterus need Scaled.

Inspector (print/sign/date/time): ( ) From Worker 325-08

Team Lead (print/sign/date):

Brad L. Slettene 3 (240)



				gd ,		
Paci	lity/M	odule	: 24	03 WA Time: 1000 Date: 3 4/2/08		
#	Yes	No	N/A	Area Inspection		
1	V			Lighting is adequate to complete inspection (where applicable)?		
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?		
*	V			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated raintall (where applicable)?		
4	/		·	Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?		
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)		
# 3	Yes	No	N/A	Container Inspection		
ř;				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]		
7	/			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?		
8 .				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging a Nackils).		
1)				Container marking/labeling is intact, as obscured, legible and in good condition (where possible to inspect)?		
10	V			Third-tier containers are banded horizontally with metal band. [TSR]		
Comments/Observations: Open Jem 07-042 Floor Scratches and Seams need Sealody 4/2/08 RCRA open Han LogHgl 4/2/08 Inspector (print/sign/date/time) (im Anakanbuch Machanbuch 4/2/08,1900)						
Tean	Four Lead (print/sign/date): Brad L. Siettene 4/2/08					

Faci	lity/Mo	odule	: 27	103cUA Time: 1400 Date: 4-8.08		
# -	Yes	No	N/A	Area Inspection		
1	~			Lighting is adequate to complete inspection (where applicable)?		
2	<i></i>			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?		
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?		
4	<b>V</b>			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?		
5	-			Aisle space between rows of containers appears to be at least 36 inches? (FHA)		
#	Yes	No	N/A	Container Inspection		
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]		
7	~			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?		
8	~	, ·		Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).		
9	V			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?		
10	1			Third-tier containers are banded horizontally with metal band. [TSR]		
Comments/Observations: Openutern # 07-042 Seams & Scratches need respector (print/sign/date/time): Atom of the factor of the fac						
Tear	Team Lead (print/sign/date): 65-2 1/1/4 Brad L. Siettene 4 9/08					



Fac	ility/M	odule	: 24	03WA Time: 1430 Date: April 15,08		
#	Yes	No	N/A	Area Inspection		
1	<b>V</b>			Lighting is adequate to complete inspection (where applicable)?		
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?		
3	<b>V</b>			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?		
4	<b>V</b>			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?		
5	<b>\</b>			Aisle space between rows of containers appears to be at least 36 inches? (FHA)		
#	Yes	No	N/A	Container Inspection		
6	<b>\</b>			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]		
7	<b>V</b>			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?		
8	<b>√</b>			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).		
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?		
10	<b>V</b>			Third-tier containers are banded horizontally with metal band. [TSR]		
	Comments/Observations: Open tem 07042 Seams & scratches onfloor need sealed.					
				c/time) Sance An Rocces January 1, Rocces 4/15/08 1430		
Tean	Team Lead (print/sign/date): 65-27/20 Brad L. Slettene 'u/15/08					



Facil	lity/Mo	dule	240	3WA Time: 1500 Date: 4-21-08
#	Yes	No	N/A	Area Inspection
1	· · ·			Lighting is adequate to complete inspection (where applicable)?
2		·		Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	V			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	v			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	~			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6	i/			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	V			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	V			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9	i/			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	~			Third-tier containers are banded horizontally with metal band. [TSR]
Com	iments	s/Obse	ervation	ns: Opentem 08-07-042. Floor Samo & Scratche
Insp	ector (1	print/s	ign/date	e/time): ( ) toot w/chiles 1 4-21-08/1500
			t/sign/d	



Fac	ility/M	odule	: 24	D3WA Time: 1030 Date: 4-29.08
#	Yes	No	N/A	Area Inspection
1				Lighting is adequate to complete inspection (where applicable)?
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	·			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10				Third-tier containers are banded horizontally with metal band. [TSR]
Com NUd	ments/ Stall	Obse	rvation	s: Openitam 07-042 Sains & scrakenes on for
Inspe	ctor (n	rint/ci	on/date	time): (1) Forth/contain 4-29.08/1030
				te): Wayne Shannon Wayn Shanno 4/29/08
		Arring	21511/00	Wayne shann in Wayne Manno 7/29/08

COPY

Faci	lity/M	odule	: 2403	3-WA Time: 0900 Date: MAY 7, 2008
#	Yes	No	N/A	Area Inspection
1	<b>V</b>			Lighting is adequate to complete inspection (where applicable)?
2	<b>√</b>		·	Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	✓			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	<b>V</b>	3		Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	<b>V</b>			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6	1			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	<b>✓</b>			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	1			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9	1			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	<b>V</b>			Third-tier containers are banded horizontally with metal band, [TSR]
Con Sel	nments 21115 211 Cle	S/Obse Mile BA	ervation Col Jul R 5/1/08	is: open tent 67-642 Floor scratches & sealed.
lnsp	ector (	print/s	ign/date	Hime) Bruce A GOGERS Bruce A GOGERS 5/7/2008 0900
Tear	n Lead	l (prin	t/sign/da	ite): Wayne Shannon Wayne Shorm 5/8/08



Faci	lity/M	odule	: 24	03 - WA Time: 1530 Date: MAY 12, 2008
#	Yes	No	N/A	Area Inspection
l	√			Lighting is adequate to complete inspection (where applicable)?
2	<b>✓</b>			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	1			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	1			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	1			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6	<			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	✓			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	✓			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9	/			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	$\checkmark$			Third-tier containers are banded horizontally with metal band. [TSR]
			rvation	
				time) Sauce A. Rocces Suce A. roges 5/12/08 1530
Team	1 Lead	(print	/sign/da	ite): Wayne Shannon Wayne Shorm 5/12/08



Faci	ility/M	odule	: 24	103 WA Time: 9:00 Date: 5-19-08
#	Yes	No	N/A	Area Inspection
1				Lighting is adequate to complete inspection (where applicable)?
1				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, mobscured, legible and in good condition.?
	/			Containment curbing and flooring is a got seatches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
-1	1			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
				Aisle space between rows of container: appears to be at least 36 inches? (FHA)
μ	Yes	No	N/A	Container Inspection
7.8				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	V			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
() ()	/			Container top does not have excessive antidup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Mucifile).
()	V			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
()				Third-tier containers are banded horizontally with metal band. [TSR]

Comments/Observations: See open item List 07-042,

team Lead (print/sign/date): Faser S. Hobbard Strain & Hobbard S-19-09 19 Brad L. Sletterie 5/22/20



Faci	lity/M	odule	: 2403	3-ωA Time: 1300 Date: 5-27-08
#	Yes	No	N/A	Area Inspection
1	V			Lighting is adequate to complete inspection (where applicable)?
2	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible and in good condition.?
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	/		-	Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	V			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6	1	3 (3300 3000)	Paris Control	Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	1	Average of the second s		Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	/			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	1			Third-tier containers are banded horizontally with metal band. [TSR]
	ments w.ka	s/Obso	ervation	15: -042 Floor Scratches + Floor SEAM REPAIR -29 FLOOR 125 5/22/08
Insp	ector (j	print/s	ign/date	e/time): frasa 8. 4/6 bag / Tuen of / Sell 5-27,08/13/
Tean	n Lead	(prin	t/sign/da	ate): Dettene 5/27/08



Faci	lity/M	odule	: 24	103 WA Time: 1260 Date: 6-3-08
#:	Yes	No.	N/A	Area Inspection
1				Lighting is adequate to complete inspection (where applicable)?
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible and in good condition?
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	/			Facility/module is generally dry. There is no standing and/or unexpected water or show accumulation in or around facility/module?
5		/	7	Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Ÿes	No	N/A	Container Inspection.
6	/			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	/			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	/	1		Third-tier containers are banded horizontally with metal band. [TSR]
Con	ments	oad.	ervation	ms: See open item 67-042 mod. 12413 Arsic Spacing less 36"  RA gren item list and 6/5/08  e/time): Frager S. foldbad/ Translable 6-3-08/132
Ad	ld to	· Ca	ion/dat	atimal C = 1/1/ 1/- 1/1/1/
insp	ector (1	orint/s	ign/date	ate): Frage S. for board Trans All 6-3-08/13:
ear	n Lead	(brin	^signa	ate): 65 X XL THE Brad L. Slettene 6/5/18



Faci	lity/M	odule	: 24	103 WA Time: 9/5 Date: 6-16-08			
#	Yes	No	N/A	Area Inspection			
1.				Lighting is adequate to complete inspection (where applicable)?			
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition.  Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3	/	/		Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4		/		Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5	/		·	Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
#	Yes	No	N/A	Container Inspection			
6	/			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7	/			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8	1			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
10				Third-tier containers are banded horizontally with metal band. [TSR]			
Com	ments	/Obse	ervation	15: See openitur 61st #07-042			
	Comments/Observations: See ope ita 45 # #07-042  close ont #08-633-  spacing issue is corrected. It 6/408  Inspector (print/sign/date/time): frases Holad Trans Hulled 6-10-07 0730  Team Lead (print/sign/date): 5 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
Insp	ector (p	orint/s	ign/date	c/time): frases HSq / Tiga / thull /6-10-03/0930			
Tean	n Lead	(print	/sign/da	ate): Brad L. Slettene 6 4 08			



Faci	Facility/Module: 2403 - WA Time: 0700 Date: 6-17-08								
#	Yes	No	N/A	Area Inspection					
1				Lighting is adequate to complete inspection (where applicable)?					
2	./			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?					
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?					
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?					
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)					
#	Yes	No.	N/A	Container Inspection					
61				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]					
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?					
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).					
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?					
10				Third-tier containers are banded horizontally with metal band. [TSR]					
				s: See open item 07-042					
Inspe	ctor (p	rint/si	gn/date	/time): Frasa S. LA based Tensor of Author 16717-08					

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Team Lead (print/sign/date):

Facil	ity/Mo	dule	24	03 WA Time: 1330 Date: 6-24-08			
#7	Yes	No	N/A	Area/Inspection 4			
1				Lighting is adequate to complete inspection (where applicable)?			
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?			
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?			
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?			
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)			
1,#	Yès:	Nð	N/A	Container Inspection a container in the			
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]			
7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?			
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).			
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?			
10				Third-tier containers are banded horizontally with metal band. [TSR]			
Con	ment	s/Obs	ervatio	ns: Needs Floors Sweeppers. Lots of			
6/0	wn Voadd	iw Aio	dirt.	See open iten List 07-042 sen iten comment required is 6/25/18			
Insp	Inspector (print/sign/date/time): Frage 50 H, Short / June 16-2408 / 134						
			t/sign/d				



acil	lity/Mo	dule	24	03 WA Time: 0940 Date: 6-30-08				
#	Yes	No	N/A	Area Inspection				
1				Lighting is adequate to complete inspection (where applicable)?				
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?				
3	/			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?				
4	/			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?				
5	/			Aisle space between rows of containers appears to be at least 36 inches? (FHA)				
#	Yes	No	N/A	Container Inspection				
6	/			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]				
7	/			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?				
8	de la constanta	وأدوار المروسة والمراجع	A Proposition	Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).				
9	1			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?				
10	V			Third-tier containers are banded horizontally with metal band. [TSR]				
Con	nment	s/Obs	ervatio	ns: See open item List 07-042				
	Inspector (print/sign/date/time): Fraser S. Auroban J benser S. Aubland 6-30-08 19950							
Tea	m Lead	d (prir	nt/sign/d	ate): Brad L. Slettene 7/2/08				



Fac	ility/M	odule	: 2	403 Wa Time: 0900 Date: 7-7-08
#	Yes	No	N/A	Area Inspection
1	V			Lighting is adequate to complete inspection (where applicable)?
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3	-			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5			·	Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6		/		Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7		/		Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	V			Third-tier containers are banded horizontally with metal band. [TSR]
``Se	ams	c i	rvation	d''
	• • •		gn/date	7 1 23 8 3. 1 10 5 Sundy han 2. 1 4 1 5 4 1 7 1 - 1 - 1 8 1 9 113
l'ean	Lead	(print/	sign/da	te): The Brad L. Sietterne 2 (1)



Fac	ility/M	odule	: 24	03WA Time: 1325 Date: 7-18-08
#_	Yes	No	N/A	Area Inspection
1/1	·/			Lighting is adequate to complete inspection (where applicable)?
2				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#`	Yes	No	N/A	Container Inspection
6		,		Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7		-		Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	$\sqrt{}$			Third-tier containers are banded horizontally with metal band. [TSR]
			rvation	# 01 012
<u> </u>		`	gn/date/	(-18 00 / (54)
Team	Lead (	print/	sign/da	(e): (25 Brad L. Slettened 7/18/08



Fac	ility/M	odul	e: 2	403WA Time0930 Date: 07-22 -0
#	Yes	No	N/A	Area Inspection
1				Lighting is adequate to complete inspection (where applicable)?
2.				Marker-barricades (chain barricades, chain-link fences, marker posts etc.) around facility/module are intact and in good condition: Facility/module ground postings are intact, unobscured, legible and in good condition.?
3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
ار'				Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6				Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect).  TSR
7	/			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	V			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
9	$\sqrt{}$			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
0				Third-tier containers are banded horizontally with metal band. [TSR]
omi	ments/	Obse	rvation	S: #07-042 #07-042
spe	etor (pi	int/si	gn/date/	time) Cotoole Coult / 7-22-08/0930,
ean	Lead (	print/	sign/dat	

	Faci	lity/M	odule	: 24	03WA Time: 0945 Date: 7-29-08
	\#	Yes	No	N/A	Area Inspection
	V 1				Lighting is adequate to complete inspection (where applicable)?
	<u>J</u>	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
	3			_	Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
	4	\ \			Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
	5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)
	#	Yes	No	N/A	Container Inspection
	(,		<u>,                                     </u>		Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
	. 7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
<u>}</u> @	P		(		Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nucliils).
	ι)		,		Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
ĺ	]()	1/			Third-tier containers are banded horizontally with metal band. [TSR]
	Inspect	d sea ghts ector (p	print/si	ign/date	
	/-1	a <i>O</i>	•	oper	ights out, need relaping to cuc RCRA  ifem list. 135 7/30/08

Faci	lity/M	odule	: 2	103WA Time 345 Date: 8-5-08
#	Yes	No	N/A	Area Inspection
1				Lighting is adequate to complete inspection (where applicable)?
				Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
رر				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	V	/		Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
Š			-	Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
<i>(</i> -,		,		Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	V	,		Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of NucFils).
()				Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
10	1			Third-tier containers are banded horizontally with metal band. [TSR]
ne 5	ed v	eseo Es v	red	is: Open item # 07-042 Seams & Scratch relamped - open, ten # 08-038
111	n Lead	(print	/sign/da	ate): 6 2 1 1 1 1 Brad L. Siettene 8/4/08



Faci	ility/M	odule	: 240	3WA Time: 1400 Date: Aug. 13,2008
#	Yes	No	N/A	Area Inspection
1	1			Lighting is adequate to complete inspection (where applicable)?
2	1			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
.3	1			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
4	✓		,	Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5	<b>V</b>			Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
6.	1			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	1			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
8	<b>√</b>			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as. clogging of NucFils).
()	<b>✓</b>			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
	<del></del>	<del></del>		Third-tier containers are banded horizontally with metal band. [TSR]

Inspector (print/sign/date/time) Tream Lead (print/sign/date): Brad L. Slettene 8/14/01



	Faci	lity/M	odule	: 21	103WA Time: 1049 Date: 8-19-08
	\#	Yes	No	N/A	Area Inspection
V.	) i	1/			Lighting is adequate to complete inspection (where applicable)?
	<u> </u>	/			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
	``	./			Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
	-1				Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
	5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)
-	#	Yes	No	N/A	Container Inspection
-	()		-		Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
	7				Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
	8				Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nuclils).
	()		,		Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
-	10			_	Third-tier containers are banded horizontally with metal band. [TSR]
	Com	ments	/Obse	rvation	s: Open Him 08.038 Relamping needed. Close out # 08-038 PS 8/2dog
				gn/date /sign/da	/time): (DESON 1000   8-19-08   1049  te): (B) -   Brad L. Slettene 8   2018



- ≀aci	lity/M	odule	: 24	03WA Time: 1425Date: 8-25-08
#	Yes	No	N/A	Area Inspection
1	1			Lighting is adequate to complete inspection (where applicable)?
7	\ <u>\</u>			Marker-barricades (chain barricades, chain-link fences, marker posts, etc.) around facility/module are intact and in good condition. Facility/module ground postings are intact, unobscured, legible and in good condition.?
.3				Containment curbing and flooring is free of scratches that penetrate to the concrete, cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated rainfall (where applicable)?
-1		-		Facility/module is generally dry. There is no standing and/or unexpected water or snow accumulation in or around facility/module?
5				Aisle space between rows of containers appears to be at least 36 inches? (FHA)
#	Yes	No	N/A	Container Inspection
()	V			Container integrity is not compromised by punctures, dents, penetrating scratches, loose lids, bulging, excessive corrosion or other damage/deterioration (where possible to inspect). [TSR]
7	·			Containers are closed, are stored in a manner which will not rupture the containers or cause them to leak, and show no evidence of spillage or leakage, such as moisture on the sides or underneath (where possible to inspect)?
Х	レ			Container top does not have excessive buildup of dirt/debris that would possibly interfere with the proper operation of the drum's ventilation system (such as, clogging of Nuclils).
()	V			Container marking/labeling is intact, unobscured, legible and in good condition (where possible to inspect)?
1()				Third-tier containers are banded horizontally with metal band. [TSR]
Con	nments	/Obso	ervatio	ns: Open tem 08-038 Tolamping 1258/2 # 07-042: Papair floor seams ad su
				e/time): DFSF111CW with 8-25-08/1425 ate): Brad L. Slettene 8/24/
Tear	n Lead	(prin	t/sign/d	ate): 1 8/241



## Attachment IX

### EM-RL--PHMC-SOLIDWASTE-2008-0007

**FINAL** 

## Occurrence Report After 2003 Redesign

Solid Waste Facility

(Name of Facility)

Nuclear Waste Operations/Disposal

(Facility Function)

Hanford Site

PROJECT HANFORD MANAGEMENT CONTRACTO

(Site)

(Contractor)

Name: Phillips, Carroll V.

Title: Director, Waste Retrieval

**Telephone No.:** (509) 372-2336

(Facility Manager/Designee)

Name: POOLE, M ELIZABETH

Title:

**Telephone No.:** (509) 373-0522

(Originator/Transmitter)

Name:

Date:

(Authorized Classifier (AC))

1. Occurrence Report Number: EM-RL--PHMC-SOLIDWASTE-2008-0007

Contamination Found on Retrieved Waste Box during Receipt Survey

2. Report Type and Date: FINAL

	Date	Time
Notification:	08/29/2008	20:28 (ETZ)
Initial Update:	10/10/2008	17:08 (ETZ)
Latest Update:	12/16/2008	12:54 (ETZ)
Final:	12/17/2008	11:08 (ETZ)

3. Significance Category: 2

4. Division or Project: Waste Stabilization and Disposition

5. Secretarial Office: EM - Environmental Management

6. System, Bldg., or Equipment: Central Waste Complex Staging Area

7. UCNI?: No

8. Plant Area: 200 West

**9. Date and Time Discovered:** 08/28/2008 15:00 (PTZ)

**10. Date and Time Categorized:** 08/28/2008 15:30 (PTZ)

11. DOE HQ OC Notification:

Date	Time	Person Notified	Organization
NA	NA	NA	NA

## 12. Other Notifications:

Date	Time	Person Notified	Organization
08/28/2008	15:00 (PTZ)	EM LaRock	SWSD
08/28/2008	15:40 (PTZ)	JE Spets	DOE RL
08/28/2008	17:05 (PTZ)	G Trump	FH ONC

## 13. Subject or Title of Occurrence:

Contamination Found on Retrieved Waste Box during Receipt Survey

### 14. Reporting Criteria:

6B(2) - Identification of onsite radioactive contamination greater than 100 times the total contamination values in 10 CFR 835 Appendix D and that is found outside of the following locations: Contamination Areas, High Contamination Areas, Airborne Radioactivity Areas, Radiological Buffer Areas, and areas controlled in accordance with 10 CFR 835.1102(c). For tritium, the reporting threshold is 100 times the removable contamination values in 10 CFR Part 835, Appendix D.

#### Notes:

- (a) This does not apply to contamination from residual radioactive material meeting applicable DOE-approved authorized limits.
- (b) This also does not apply to legacy radioactive contamination, which will be reported under a separate criterion below.
- (c) The exclusion from reporting contamination in a Radiological Buffer Area applies only when the area has been established next to a Contamination Area, High Contamination Area or Airborne Radioactivity Area and its exit requirements have adopted guidance from Article 338.2 of DOE-STD-1098-99.

## 15. Description of Occurrence:

A retrieved waste box was moved via covered transport from the 218-W-3A Low Level Burial Grounds to the staging area of the Central Waste Complex. While performing receipt surveys after the transport cover was removed, a Radiological Control Technician (RCT) identified an as-found condition of contamination on a lower corner of the waste box. There was no obvious damage to the waste box. Survey results indicated 44,400 disintegrations per minute (dpm) per 100 square centimeters (100cm2) removable alpha contamination, 440,000 dpm/100cm2 direct (total) alpha contamination, and 15,000 dpm/100cm2 removable beta gamma contamination. The area was posted as a Radioactive Material Area at the time of discovery.

## 16. Is Subcontractor Involved? No

## 17. Operating Conditions of Facility at Time of Occurrence:

Normal Operations - Receipt of Retrieved Waste Box

## 18. Activity Category:

03 - Normal Operations (other than Activities specifically listed in this Category)

#### 19. Immediate Actions Taken and Results:

Surveys were conducted of personnel in the area with no contamination found. A nasal smear was performed on the RCT who discovered the contamination; the results were negative. Personnel exited the area and donned respiratory protection, then surveyed the area around the box with no additional contamination found. The contamination was fixed in place with tape and plastic.

#### 20. ISM:

3) Develop and Implement Hazard Controls

### 21. Cause Code(s):

A4B5C01 - Management Problem; Change Management LTA; Problem identification methods did not identify need for change

A2B6C06 - Equipment/ material problem; Defective, Failed or Contaminated; Contaminant

### 22. Description of Cause:

An Apparent Cause analysis was performed.

## A2B6C06, Equipment/Material Problem, Contaminant

As required by procedures, the retrieved box was surveyed during excavation and prior to initial movement. Workers performed these surveys in a Contamination Area. The surveys showed no contamination. The box was then moved by crane to a metal platform for staging. The box was resurveyed and showed no contamination. The box was moved to the truck and covered by the shipping container (Top Hat) during transport. Upon receipt surveys at CWC, following removal of the Top Hat cover, contamination was identified along the seal at one of box seams.

To address the causal factor, surveys were conducted of personnel in the area, and a nasal smear was performed on the RCT who discovered the contamination with no contamination found (Action 1). Personnel took appropriate response actions (exited the area and donned respiratory protection, then surveyed the area around the box with no additional contamination found) (Action 2). The contamination was fixed in place with tape and plastic (Action 3).

## A4B5C01, Problem Identification Did Not Identify Need For Change

While Waste Retrieval had identified increased incidents of contamination on waste boxes during and following retrieval, prior to this event, there had been no identification of contamination on a waste box following shipment of 78 boxes to CWC. The box was evaluated to be structurally sound by SWSD Engineering prior to retrieval. The box was placed on a platform prior to moving it out of the trench, which would minimize stress or deterioration of the box during shipment. All radiological surveys taken before moving the box indicated there was no contamination on the box, platform, or trailer. While the exact mechanism that allowed the release of contamination is difficult to determine, the probable cause is vibrations of the truck/trailer and the slight jostling of the container during shipment allowed an unseen crack in the bottom of the container to propagate enough to allow a release of contamination from the container.

To address this causal factor, the work packages for receiving a retrieved waste box at CWC were suspended (Action 4). SWSD Rad Con will revise the radiological surveillance task to address special circumstances (e.g., survey of the seams of retrieved boxes)(Action 5). The work packages will be revised to incorporate use of an IP-1 bag for waste box transfers between the Waste Retrieval Process Area and CWC (Action 6). This will provide additional containment to mitigate the spread of contamination. To address the potential for contamination release during transient movement and staging of other types of waste boxes, Radiological Control will perform an extent of condition review using a risk-based evaluation of controls (Action 7). The review will focus on surveys, inspections, and controls before, during, and after box movements. Based on the results of this review, additional controls will be developed as determined necessary.

#### 23. Evaluation (by Facility Manager/Designee):

This event had no impact to facility operations. None of the air samples taken indicated a release of airborne radioactivity. No personnel contaminations, or personal effects contaminations, occurred as a result of these events. The nature of retrieval activities involves frequent changing or emerging conditions. However, workers are trained to recognize potential hazards and to implement mitigation techniques. Radiological work planning evaluates indications of changing conditions and modifies work processes and radiological controls accordingly.

SWSD had experienced three similar events where legacy contamination was identified on a retrieved waste box (reference occurrence reports EM-RL--PHMC-SOLIDWASTE-2008-0003, EM-RL--PHMC-

SOLIDWASTE-2008-0004, and EM-RL--PHMC-SOLIDWASTE-2008-0006). These events had no worker impact and relatively low levels of contamination were identified. However, the events were recognized as leading indicators for a future event, and a path forward was established to mitigate risk to the workers should another area of contamination be identified. Radiological Control and Operations are evaluated options for increased worker protection following receipt at CWC. The options considered included revising the posting process to establish a temporary CA (similar to actions taken at LLBG), using an International Packaging (IP) bag to cover the box after retrieval, through shipment, and during interim storage, and developing clear response procedures for unexpected conditions. Management is using ISMS principals to ensure that the process adopted does not inadvertently contribute to other issues. Compensatory measures will remain in place until the work packages are revised to incorporate additional controls (reference Action 6).

Review of the Occurrence Reporting and Processing System identified some events related to breached waste boxes, but none with similar characteristics. While no additional corrective actions or lessons learned were developed based on these reports, Radiological Control will research other facilities in the DOE Complex that have retrieved waste boxes to incorporate any applicable lessons learned into planning.

NOTE: The contract for this workscope transitioned from the Project Hanford Management Contract to CH2M Hill Plateau Remediation Contract (CHPRC) on October 1, 2008. CHPRC will manage the actions assigned by the prior contractor.

## 24. Is Further Evaluation Required?: No

#### 25. Corrective Actions

Local Tracking System Name: Corrective Action Management

Cai	Tracking System Name. Corrective Action Ma	nagement			
1.	Surveys were conducted of personnel in the area, and a nasal smear was performed on the RCT who discovered the contamination.				
	Responsible Manager: Higbee				
	Target Completion Date: 08/28/2008	Tracking ID: CARF 20080812			
2. Personnel took appropriate response actions (i.e., exited the area and donned respiratory protection, then surveyed the area around the box with no additional contamination found.)  Responsible Manager: Higbee					
	Target Completion Date: 08/28/2008	Tracking ID: CARF 20080812			
3.	The contamination was fixed in place with tape a Responsible Manager: LaRock	and plastic.			
	Target Completion Date: 08/28/2008	Tracking ID: CARF 20080812			
4.	-				

	Suspend the work packages for receiving a retrieved waste box at CWC					
	Responsible Manager: LaRock/Moore					
	Target Completion Date: 09/23/2008	Tracking ID: CARF 20080812				
5.	Revise the radiological surveillance task to routinely address special circumstances (e.g., survey of the seams of retrieved boxes stored at CWC).					
	Responsible Manager: Higbee					
	Target Completion Date: 11/01/2008	Tracking ID: CARF 20080812				
6.	Revise work packages 2X-08-03006 and 2X-08-6929 to incorporate use of an IP-1 bag for waste box transfers between the Waste Retrieval Process Area and CWC  Responsible Manager: Higbee/Moore					
	Target Completion Date: 01/30/2009	Tracking ID: CARF 20080812				
7.	Perform an extent of condition review using a ris	sk-based evaluation of controls				
	Responsible Manager: Higbee					
	Target Completion Date: 01/30/2009	Tracking ID: CARF 20080812				
8.	Perform a verification of effectiveness					
	Target Completion Date: 05/30/2009	Tracking ID: CARF 20080812				

### 26. Lessons Learned:

The nature of retrieval activities involves frequent changing or emerging conditions. Radiological work planning evaluates indications of changing conditions and modifies work processes and radiological controls accordingly. Degradation of the boxes, and the expectation that contamination could be encountered, was incorporated into retrieval processes and procedures so that changing conditions could be assessed and addressed with the protection of personnel and the environment in mind. The areas were controlled appropriately for the anticipated conditions; when the conditions changed, appropriate actions were taken, reporting performed, analysis and corrections made. Consequently, there was no spread of contamination outside of controlled areas and there were no personnel contaminations as a result of this event.

### 27. Similar Occurrence Report Numbers:

EM-ID--BNFL-AMWTF-2004-0012

EM-RL--PHMC-SOLIDWASTE-2008-0003 EM-RL--PHMC-SOLIDWASTE-2008-0004

EM-RL--PHMC-SOLIDWASTE-2008-0006

#### 28. User-defined Field #1:

#### 29. User-defined Field #2:

## 30. HQ Keyword(s):

06B--Radiological - Facility/Equip/Site Contamination

06J--Radiological - Inadequate Radiological Control Procedure

11N--Other - Waste Handling Operations

12M--EH Categories - Radiological Control (Other)

14C--Quality Assurance - Quality Improvement Deficiency

14D--Quality Assurance - Documents and Records Deficiency

## 31. HQ Summary:

After removing the transport cover of a retrieved waste box from the 218-W-3A Low Level Burial Grounds, a Radiological Control Technician (RCT) identified contamination on a lower corner of the waste box. There was no obvious damage to the waste box. Survey results indicated 44,400 dpm/100cm2 removable alpha contamination, 440,000 dpm/100cm2 direct (total) alpha contamination, and 15,000 dpm/100cm2 removable beta gamma contamination. A nasal smear was performed on the RCT who discovered the contamination; the results were negative. Personnel exited the area and donned respiratory protection, then surveyed the area around the box with no additional contamination found. The contamination was fixed in place with tape and plastic.

## 32. DOE Facility Representative Input:

## 33. DOE Program Manager Input:

#### 34. Approvals:

Approved by: Phillips, Carroll V., Facility Manager/Designee

**Date:** 12/16/2008

**Telephone No.:** (509) 372-2336

Approved by: SPETS, JAMES A, Facility Representative/Designee

Date: 12/17/2008

Telephone No.:

EM-RL--CPRC-WRAP-2010-0003

**FINAL** 

## Occurrence Report After 2003 Redesign

WASTE RECEIVING & PROCESSING FACILIT

(Name of Facility)

Nuclear Waste Operations/Disposal

(Facility Function)

Hanford Site

CH2MHILL Plateau Remediation Company

(Site)

(Contractor)

Name: Mortensen, A. Stuart

Title: Facility Manager

**Telephone No.:** (509) 373-1486

(Facility Manager/Designee)

Name: POOLE, M ELIZABETH

Title:

**Telephone No.:** (509) 373-0522

(Originator/Transmitter)

Name:

Date:

(Authorized Classifier (AC))

1. Occurrence Report Number: EM-RL--CPRC-WRAP-2010-0003

Alpha Contamination Found on Waste Drum (ARRA)

2. Report Type and Date: FINAL

	Date	Time
Notification:	08/27/2010	19:45 (ETZ)
Initial Update:	10/07/2010	23:45 (ETZ)
Latest Update:	10/07/2010	23:45 (ETZ)
Final:	10/07/2010	23:45 (ETZ)

3. Significance Category: 3

4. Division or Project: Waste and Fuels Management Program

5. Secretarial Office: EM - Environmental Management

6. System, Bldg., or Equipment: 2404WB

**7. UCNI?:** No

8. Plant Area: 200 West

**9. Date and Time Discovered:** 08/25/2010 19:00 (PTZ)

**10. Date and Time Categorized:** 08/25/2010 19:08 (PTZ)

11. DOE HQ OC Notification:

Date	Time	Person Notified	Organization
NA	NA	NA	NA

#### 12. Other Notifications:

Date Time		Person Notified	Organization
08/25/2010	19:15 (PTZ)	AS Mortensen	WRAP
08/25/2010	19:15 (PTZ)	JE Trevino	DOE RL
08/25/2010	19:10 (PTZ)	Occurrence Notify Center	MSA

### 13. Subject or Title of Occurrence:

Alpha Contamination Found on Waste Drum (ARRA)

## 14. Reporting Criteria:

6B(3) - Identification of onsite radioactive contamination greater than 10 times the total contamination values in 10 CFR 835 Appendix D and that is found outside of the following locations: Contamination Areas, High Contamination Areas, Airborne Radioactivity Areas, Radiological Buffer Areas, and areas controlled in accordance with 10 CFR 835.1102(c). For tritium, the reporting threshold is 10 times the removable contamination values in 10 CFR Part 835, Appendix D.

#### Notes:

- (a) This does not apply to contamination from residual radioactive material meeting applicable DOE-approved authorized limits.
- (b) This also does not apply to legacy radioactive contamination, which will be reported under a separate criterion below.
- (c) The exclusion from reporting contamination in a Radiological Buffer Area applies only when the area has been established next to a Contamination Area, High Contamination Area or Airborne Radioactivity Area and its exit requirements have adopted guidance from Article 338.2 of DOE-STD-1098-99.

## 15. Description of Occurrence:

During the performance of surveys in 2404WB for a transfer of containers between buildings at the Waste Receiving and Processing Facility (WRAP) a Radiological Control Technician (RCT) discovered 6000 disintegrations per minute (dpm) of Alpha contamination on a Large Area Wipe (LAW) at approximately 1810 hrs. The RCT notified the Radiological Supervisor and upon taking a technical smear on a 55 gallon waste container 120,000 dpm/100 per square centimeters (cm2) alpha contamination was detected.

#### 16. Is Subcontractor Involved? No

## 17. Operating Conditions of Facility at Time of Occurrence:

Routine Radiological Surveys

## 18. Activity Category:

10 - Inspection/Monitoring

## 19. Immediate Actions Taken and Results:

Upon quantifying contamination above the RWP void limit, personnel exited the building and ventilation was secured. Radcon performed whole body surveys on personnel that were in the building. The discovering RCT had 60 dpm Alpha (direct reading) on their right shoe. No other contamination was found on personnel. The building was secured and posted as a High Contamination Area. Management is preparing a recovery plan to re-enter the building.

### 20. ISM:

- 3) Develop and Implement Hazard Controls
- 4) Perform Work Within Controls

## 21. Cause Code(s):

A2B4C01 - Equipment/ material problem; Material control LTA; Material handling LTA A2B4C03 - Equipment/ material problem; Material control LTA; Material packaging LTA

#### 22. Description of Cause:

An apparent cause analysis was performed.

A2B4C01, Material Handling LTA

### A2B4C03, Material Packaging LTA

Drum 0054909 contains TRU waste from PFP's Plutonium Reclamation Facility (PRF) Gallery Glove Boxes. PFP PRF D&D Operations reported that the Dean Line Pumps and lines were used to transfer Pu Nitrate between canyon pencil tanks. Prior to removal, the pumps and lines were flushed with a Nitric flush solution (acidic).

Pin-hole leaks were detected on Drum 0054909, just below the bottom chime, and were presumed to be the initial point of the contamination. The metal waste pieces inside the drum apparently rubbed against the inside lining of the drum exposing the steel interior to dried nitric acid residue. It is believed this combination led to the corrosion of the drum from the inside to the outside, where the RCT disturbed the area while performing surveys.

To address this causal factor, WRAP developed and implement recovery plans to re-enter the building and overpack the drum (Action 1). WRAP will evaluate affected personnel for dose rate changes (Action 2). WRAP will document what actions were implemented to prevent further contamination from the affected drum (Action 3). WRAP will review the waste stream from which affected drum originated (Action 4). As appropriate, additional actions will be documented to address other drums from this waste stream.

## 23. Evaluation (by Facility Manager/Designee):

The event was detected during routine surveys and appropriate actions were taken. Consequently, there was minimal impact to operations. Re-entry to the building was performed under a recovery plan. During follow-up surveys, contamination was detected on two adjacent drums, two pallets and the floor. The sister drum 0053165, generated at the same time as 0054909, contains approximately the same waste and was processed at WRAP approximately one week behind 0054909. A thorough inspection and survey of this drum was performed and the drum was deemed acceptable.

A review of the Occurrence Reporting and Processing System identified a similar event at T Plant (reference EM-RL--PHMC-TPLANT-2004-0003 and EM-RL--PHMC-TPLANT-2004-0004). In that event, a drum was point loaded and had contents that had gone through a nitric solution wash, causing a pinhole leak in the bottom of the drum. As a result of that event, survey practices were modified. These modified survey practices helped to identify the contamination in the WRAP event. To incorporate lessons learned from the previous event, WRAP will review this waste stream to determine if additional controls should be implemented (reference Action 4).

## 24. Is Further Evaluation Required?: No

### 25. Corrective Actions

Local Tracking System Name: Corrective Action Management

1. Develop and implement a recovery plan
Responsible Manager: Mortensen

Target Completion Date: 12/23/2010 | Tracking ID: CR-2010-2655

2. Evaluate affected personnel for dose rate changes.

	Responsible Manager: Mortensen					
	Target Completion Date: 11/18/2010	<b>Tracking ID:</b> CR-2010-2655				
3.	Document actions were implemented to prevent further contamination from the affected drum.					
	Responsible Manager: Mortensen					
	Target Completion Date: 11/16/2010	<b>Tracking ID:</b> CR-2010-2655				
4.	Review waste stream affected drum originated. Add actions as determined appropriate Responsible Manager: Mortensen					
	Target Completion Date: 11/16/2010	Tracking ID: CR-2010-2655				

#### 26. Lessons Learned:

The routine action of moving a drum may be sufficient to trigger a pinhole leak on the bottom of a drum, if set-up factors are in place. This event identified several factors which, in combination, contributed to the degradation the drum. Those factors include, but are not limited to:

- \* Contents of drums include metal or other heavy, abrasive objects
- \* Contents of drums have been exposed to corrosive agents (residual corrosive material may be present)
- \* Drums have been stored for a sufficient period of time for degradation to occur

## 27. Similar Occurrence Report Numbers:

EM-RL--PHMC-TPLANT-2004-0003 EM-RL--PHMC-TPLANT-2004-0004

#### 28. User-defined Field #1:

#### 29. User-defined Field #2:

### 30. HQ Keyword(s):

- 01I--Inadequate Conduct of Operations Safety System Actuation/Evacuation
- 05F--Mechanical/Structural Corrosion/Material Degradation/EOL
- 06A--Radiological Clothing Contamination
- 06B--Radiological Facility/Equip/Site Contamination
- 11N--Other Waste Handling Operations
- 12M--EH Categories Radiological Control (Other)
- 13H--Management Concerns American Recovery and Reinvestment Act (ARRA)
- 14L--Quality Assurance No QA Deficiency

### 31. HQ Summary:

On August 25, 2010, a radiological control technician (RCT) was conducting surveys in 2404WB for a transfer of containers between buildings at the Waste Receiving and Processing Facility and discovered 6,000 dpm alpha on a large area wipe. The RCT notified the radiological supervisor and upon taking a technical smear on a 55-gallon waste container, detected 120,000 dpm/100cm2 alpha. Upon quantifying the contamination above the radiological work permit void limit, personnel exited the building and ventilation was secured. Radcon performed whole body surveys on personnel that had been in the building. The discovering RCT had 60 dpm alpha (direct reading) on their right shoe. No other contamination was found on personnel. The building was secured and posted as a High Contamination Area. Management is preparing a recovery plan to re-enter the building.

32.	DOE	<b>Facility</b>	Representative	Input:
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## 33. DOE Program Manager Input:

## 34. Approvals:

Approved by: Mortensen, A. Stuart, Facility Manager/Designee

**Date:** 10/07/2010

**Telephone No.:** (509) 373-1486

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WRAP-RP-11-03	REVISION 0/
CHPRC WRAP FACILITY RECOVERY PLAN	
DECONTAMINATE WASTE DRUM(S) IN 2404 WB & OVERPACK	PAGE 1 OF 12

USQ Determination #: WRP-11-037, Rev 0 Person applying CX (if CX is used) Jason Sweesy WRAP Industrial Safety Representative (sign, print, date) Tim FOLTOW, Tom Al FER TELECOM 3/1/11 Michael Frazier Nuclear Safety (sign, print, date 4/1/2 51.111 Shawn Mellgren WRAP Radiological Control Manager (sign, print, date) Timothy J. Fulton Recovery Plan author (sign, print, date) R. Jay Bottenus PERTELECOM 4/29/1: 1425 hrs. Tim Fuiton Tomiful 1/29/11
Engineering manager (sign, print, date) Timothy J. Fulton Recovery Plan owner (sign, print, date) A. Stu Mortensen Facility manager or WSD Technical Support Director (sign, print, date) Asm 5/01/2011

Effective Date: (04/XX/11)

WRAP-RP-11-03	REVISION 0
CHPRC WRAP FACILITY RECOVERY PLAN	
DECONTAMINATE WASTE DRUM(S) IN 2404 WB & OVERPACK	PAGE 2 OF 12

### Purpose

This Recovery Plan provides instructions for a controlled entry into WRAP Building 2404WB to inspect, sample, survey and decontaminate, as necessary, TRU waste drums. Additional instructions are provided for performing follow-up inspections, surveys and decontamination within 2404WB; preparing drums for transfer to 2404WC; and overpacking affected drums into 85-gallon drums.

On April 26, 2011 at approximately 0840 hours, an NCO reported approximately 20ml of liquid found on the bottom rolled edge of drum 0062288. Liquid was also reported on the drum's wooden pallet and the adjacent floor next to the pallet. The drum is palletized on the bottom tier of row 8, three pallets deep from the front of the row. An initial radiological direct reading was off scale for alpha; and a smear was also off scale for alpha with no detectable beta/gamma. Building ventilation was off and remains off at this time.

Surveys of the exterior doors, thresholds and pathways found no contamination. 2404WB is currently in the Standby Mode and access is restricted and posted High Contamination Area (HCA), Airborne Radioactive Area (ARA) and Beryllium Controlled Area (BCA).

SWITS and DMS identify drum 0062288 as a repack of drum HEDL-63. The empty drum was received on July 16, 2009 and moved into the process area on February 7, 2011. It was repackaged on February 9, 2011. The contents of HEDL-63 were split into this drum and into sister drum 0061308. SWITS data describes all layers of confinement were reduced to zero, a sealed 50 gallon liquid liner cut up, and absorbent material found was acidic (PH <2) before adding 4.5lbs of baking soda to neutralize. Drum 0062288 remained in 2336W until it was assayed on March 14, 2011. Later that day it was moved to its current location in 2404WB row 08. Sister drum 0061308 resides in 2404WB in row 8 but the pallet tier and depth are not known.

At the conclusion of this recovery plan, drum 0062288, sister drum 0061308 and any other affected waste containers in 2404WB's will be addressed and placed into a safe/compliant condition (decontaminated and/or overpacked, as appropriate); equipment/building floor will also be surveyed and decontaminated to the extent possible and will be posted; and low-level waste will be packaged OR this recovery plan will be revised to further mitigate potentially hazardous conditions.

#### 1.0 Related Documents

- 1.1. Radiological Work Permit (RWP) WP-574, Rev 3.
- 1.2. Beryllium Work Permit (BWP) PRC-WRAP-10-020, Rev 0
- 1.3. Beryllium Hazard Assessment BWP-WRAP-4-28-2011, Rev 0
- 1.4. WRAP Management Directive WRAP-MD-10-002, Rev 0-1, Appendix A
- 1.5. SWITS data for container 0062288, 0061308 and others as needed.
- 1.6. WRP1-OP-0503, Move Containers Throughout WRAP Facility.
- 1.7. WRP1-OP-1708, Packaging Low-Level Waste.
- 1.8. WRP1-OP-1709, Package Mixed Waste.
- 1.9. AJHA W1-1086
- 1.10. USQ Screening WRP-11-037 Rev 0
- 1.11. AMW WP-11-010
- 1.12. CHPRC Radiological Hazard Screening Form WPSF-11-0131
- 1.13. WRP1-OP-1205 Grab Air Sampling
- 1.14. WRP1-OP-1230 Gross Alpha and Beta Field Counting
- 1.15. LL 2007-RL-HNF-0012 Leaking Drum Identified, Contained in Safe and Efficient Manner
- 1.16. LL 1998-RL-FDH-0004 Handling Drums Safely
- 1.17. Waste Planning Checklist

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## 2.0 Prerequisites

- 2.1 OBTAIN and REVIEW SWITS data on Drums 0062288, 0061308 and other containers as needed to determine contents and related material hazards.
- 2.2 Hazard Review Board (HRB) review and approval of this recovery plan.
- 2.3 A FORMAL Pre-Job Briefing is required.
- 2.4 For reference use AJHA W1-1086 and use form A-6004-952 Rev. 5 to record pre-job.
- 2.5 DAILY and PRE-USE INSPECTIONS of Forklift(s) and A-Frame must be completed prior to use.
- 2.6 Personnel performing this recovery plan are qualified in accordance with Waste Management Project Procedure WMP-200, section 5.1 Training and Qualification Program and on-the-job training.
- 2.7 Personnel assigned must be Beryllium Workers.

## 3.0 Precautions, Limitations, Tools and Equipment

- 3.1. If during the performance of this recovery plan an unexpected result occurs and/or the conditions change beyond the boundaries of the related documents, all work shall be stopped, and workers will exit. The recovery team will reassemble and revise this recovery plan as required to address any new condition. Appropriate reviews and approvals, including HRB Review, will be required.
- 3.2. 2404WB building ventilation is not HEPA filtered; building ventilation must remain secured and roll up doors shall be closed until airborne radioactivity in the building is confirmed to be < 0.2 DAC.
- 3.3. Use all prescribed PPE as listed in the RWP and BWP.
  - 3.3.1 First entry minimum respiratory protection in ARA will be SCBA or Carry-In. supplied air systems.
  - 3.3.2 Follow on entries will be based on contamination levels and may use PAPR with Chemical/Particulate Combination Cartridges or Particulate Cartridges as directed by IH and RadCon.
- 3.4. Radiological Requirements
  - 3.4.1 Work will be controlled by RWP WP-574, Rev. 3
- 3.5. Industrial Safety Controls
  - 3.5.1 Industrial Hygiene will confirm established heat stress controls immediately prior to the start of work.
    - Buddy system
    - Provide water/fluids.
  - 3.5.2 Personal Protective Equipment
    - Leather work gloves or equivalent will be used when handling sharp
      instruments or moving waste containers. Leather work glove or equivalent
      should be worn on the top of clean uncontaminated Nitrile gloves. If outer
      work gloves become contaminated with corrosive material, change outer
      work gloves and the first layer of Nitrile gloves (the layer located just

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beneath the work gloves) with clean uncontaminated and Nitrile gloves and work gloves.

- When handling suspect contaminated material or cleaning up spills Chemical-resistant Nitrile/ latex gloves should be worn.
- 3.5.3 Radiological PPE will be controlled by RWP WP-574, Rev 3.
- 3.5.4 Ergonomic Controls
  - Participants should consider warming up and stretching out prior to activity.
  - Two-person lifting. If metal pallets must be moved, special instructions from IH
    will be required.
- 3.6. Radio contact to be maintained with Radcon Supervision and OPS FLM.
- 3.7. Should chemical products need to be added to the Waste Plan during the course of this work, notify IH representative(s) Jason Robert Campbell (509) 373-9599 or Clint McBride (509) 373-2238 and Waste Coordinator Markus McGrath (509) 372-1642 for evaluation.
- 3.8. IF conditions require exit from ARA (2 hour respiratory limit), RE-ENTRY is permitted to continue under this recovery plan.
- 3.9. Beryllium decontamination of equipment and respiratory equipment will be performed per Appendix A – WRAP beryllium Decontamination Plan, current revision.
- 3.10. Industrial Hygiene will identify and coordinate Beryllium Clearance Samples during the course of the recovery plan.
- 3.11. Tools and Equipment: (Key Items)
- Waste bag(s) (10mil)
- Survey instruments and materials RADCON.
- Survey instruments and materials IH.
- Tool Cart
- Duct tape / Patch materials (Glove Bag Material)
- Craft paper / plastic / Yellow tack sheeting
- Wet and dry Decon rags and/or wipes
- Miscellaneous hand tools, including reach tools
- Flashlight or portable lighting
- 85-Gallon Overpack Drums (2)
- Forklift (Electric Only inside 2404WB)
- Electric walk-behind drum mover
- A-frame hoist / jib crane
- Reinforced drum liner/bag for overpacking
- Radiological posting material (ARA,HCA,RA,RBA,RMA)
- Tarp (3)
- A-Frame Hoist and Attachments
- Fixative Solutions Soil Cement (#035321)
- Portable sprayer (Soil Cement)
- Chemical resistant gloves (Silver Shield)
- pH paper and chart
- Distilled water (250/500 mil bottle)
- Drip Pan (55-gal drum)
- Caldwell lift attachment for forklift

- Sling, 3-point drum
- Beryllium labels
- Tach cloth or Lint rollers (Beryllium decon)
- Baking Soda (4- 11b boxes)
- Metal side cutters
- Laundry rack
- Laundry bags (SWP)
- 55-gal Room Waste drum (Step-off pad)
- Step-off pad
- Stanchions
- Rad Rope
- Tables (2)
- Chairs
- Brooms
- Hemostat 2- long & 2 short
- Portable radios
- Extension Cord (2)
- Forklift Tine Sleeves
- Stanchions
- Water Resistant Suits
- Knee pads or Kneeling pads

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#### NOTE:

<u>Current Condition</u>: 2404WB is in the Standby Mode with ventilation secured and access to the building restricted. The building is posted as an ARA, HCA and BCA.

Drum 0061308 and 0062288 were was loaded out of the TRU Glovebox on 02/10/11. Both contain approximately the same waste constituents and were assayed on the same date of 03/14/11. They were respectively transferred to 2404WB Row 8 on 03/14/11 and 03/16/11.

<u>Desired Condition</u>: Drum 0062288, sister drum and any other affected waste containers in 2404WB will be addressed and placed into a safe/compliant condition (decontaminated and/or over-packed as necessary). Other contaminated drums, items or area within 2404WB will be decontaminated or covered to create stable radiological conditions and will be posted accordingly.

#### 5.0 Instructions

5.1 PERFORM a Formal Pre-Job Briefing with all personnel involved with the performance of tasks within this recovery lan.

FLM Print / Signature

5.2 Ensure all prerequisites have been completed prior to starting Tasks.

## NOTE:

- 2404WB will remain under restricted access until cleared by the WRAP DOS.
- RADCON Void Limits are found in RWP-WP-574 Rev.3.
- Decontamination to removable ALARA levels means: Decontamination efforts will be repeated
  unless it is not reasonable to continue. Due to the uncertainties of this plan, decontamination
  efforts cannot be precisely defined, however; this typically means until decontamination attempts
  result in a reduction of less than one half the previous attempt.

#### TASK 1 Characterization and Stabilization

- 5.3 Characterization Team of NCOs and RCTs PREPARE to enter 2404WB.
  - Set up appropriate step-off pads including CA & RBA.
  - Stage survey and sampling equipment for RADCON and IH.
  - Stage radiological posting materials.
- 5.4 ENSURE DOS places 2404WB into OPERATIONS MODE.
  - OBTAIN approval from DOS to allow entry into 2404WB.

#### NOTE:

Visual inspections and Radiological surveys of suspect surfaces, materials and containers will be continuous; as needed to perform the disposition, decontamination and for all activities needed to place the contaminated area and containers in a safe configuration. Specific inspections and surveys are noted as work steps for reference, but additional inspections and surveys throughout the performance of this recovery plan are implied.

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#### 5.5 NCOs and RCTs ENTER 2404WB.

#### WARNING:

- IF radiological Void Limits are MET or EXCEEDED, THEN IMMEDIATELY EXIT.
- Ensure that chemical PPE is specific to the chemical being used and covers all potential areas of exposure. Silver Shield gloves to be worn over surgeons.
- 5.5.1 PERFORM the following actions prior to moving drums from Row 8.
  - RCTs start air sampling.
  - SURVEY/ SAMPLE travel path up to affected area.
  - Perform Pre-Use Inspection of Forklift; inform FLM of completion.
  - Visually INSPECT drum(s) for container integrity conditions. [SAC 5.6.4, AC 5.7.8 ACMP]
    - o REPORT container integrity conditions to Operations FLM via radio. If other container(s) is/are found breached, then STOP.
  - Visually INSPECT the floor, pallets and surrounding areas for abnormal conditions.
    - o REPORT any abnormal conditions to Operations FLM via radio.
  - TAKE contamination and pH SAMPLES of affected areas.
    - REPORT contamination levels and pH levels to RADCON Supervision and Operations FLM via radio.
    - o If acidic, then neutralize spill area with baking soda.
  - Cover or fix areas of contamination ≥20,000,000 dpm/100cm<sup>2</sup> Alpha. (10 Rad/hr using a BWCP)
  - PERFORM setup (e.g., move pallets, layout tarp(s), etc.)

#### **WARNING:**

Use special care when handling, moving or positioning leaking waste containers.

- 5.6 Relocate/Survey unaffected drums from Row 8 to designated staging location.
- 5.7 PERFORM characterization survey of accessible areas of the affected drum(s), pallet and floor.
- 5.8 REPORT survey results to RADCON Supervisor and Operations FLM via radio.
- 5.9 LIFT affected pallet to allow RCT to survey under the pallet.
- 5.10 MOVE affected pallet to designated location.
- 5.11 Cover/Apply absorbent/neutralizing material to spill area.

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- 5.12 Un-band pallet of drums containing drum 0062288.
- 5.13 Visually INSPECT drum(s) for container integrity conditions. [SAC 5.6.4, AC 5.7.8 ACMP]
- 5.14 SURVEY the accessible areas of pallet containing drum 0062288.
- 5.15 REPORT survey results and inspections to RADCON Supervisor and Operations FLM via radio.
- 5.16 RELOCATE affected non-leaking drum(s) one-at-a-time within the work area using a parrot beak. [LL 2007-RL-HNF-0012]
- 5.17 PLACE leaking drum(s) into a reinforced plastic bag using drum mover or Caldwell lift attachment.
  - If using the Caldwell, then the leaking drum(s) may be over-packed per Step 5.28 and then return to Step 5.19.
- 5.18 PLACE bagged leaking drum(s) in catch pan on pallet with absorbent material around the base of the drum.
- 5.19 Wrap contaminated pallet(s) with plastic sheeting.
- 5.20 SURVEY the accessible areas of the affected floor, drum(s) and pallet(s). This step may be repeated.

#### Caution:

Decontamination will be performed using damp materials (e.g., wet-wipe, damp cloths) or material designed for capturing dirt/dust (masslin). Decontamination will be performed by water dampened cloth and covered with plastic and tape. Use of aggressive methods such as sweeping, grinding, wire brushes or flapper wheels are not allowed.

Suspect breached drum may create >.2 DAC

- 5.21 DECONTAMINATE/COVER drum(s), floor, pallet(s) and other areas to removable ALARA levels, based on portable radiological instrumentation measurements.
- 5.22 SURVEY the accessible areas of the affected drum(s).
- 5.23 REPORT survey results to RADCON Supervisor and Operations FLM via radio.
- 5.24 PACKAGE waste per WRP1-OP-1709 for mixed waste or WRP1-OP-1708 for low level waste and the Waste Planning Checklist.
- 5.25 Perform down post Radiological surveys of 2404WB.
- 5.26 Post radiological areas/equipment as determined by Radiological surveys.
- 5.27 Per the DOS, DOWN post 2404-WB for Radiological to normal and remove appropriate posting.

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## TASK 2 Overpack Affected Drums

- 5.28 IF drum overpack is to occur in 2404WB, then perform the following:
  - 5.28.1 PREPARE overpack drum.
  - 5.28.2 Stage drum(s) for overpack at designated location.

#### NOTE:

Sample Treatment Director will provide information regarding the addition of absorbent materials and/or neutralizing materials to the overpack drum during loading.

- 5.28.3 OVERPACK drum(s) per WRP1-OP-0503 Section 4.12 [LL 1998-RL-FDH-0004]
- 5.29 IF drum overpack is to occur in 2404-WC, then perform the following:
  - 5.29.1 TRANSFER drum(s) to 2404WC per WRP1-OP-0503.
  - 5.29.2 ENSURE a second NCO INSPECTS the load prior to transfer to 2404WC.
  - 5.29.3 ENSURE RCT performs survey prior to transfer to 2404WC.
  - 5.29.4 SURVEY drum(s) upon arrival at 2404WC.

#### NOTE:

Sample Treatment Director will provide information regarding the addition of absorbent materials and/or neutralizing materials to the overpack drum during loading.

5.29.5 OVERPACK drum(s) per WRP1-OP-0503 Section 4.11. [LL 1998-RL-FDH-0004]

- 5.30 Perform Beryllium down post of 2404-WB as directed by IH.
- 5.31 DOS direct 2404WB to be down posted to normal and remove restricted access.
- 5.32 LOCATE and INSPECT Drum 0061308 as best as possible for signs of drum integrity concerns.
- 5.33 REPORT the drum location/inspection results to RADCON Supervisor and Operations FLM.
- 5.34 PERFORM housekeeping, store equipment and materials and handle packaged waste as directed.

### 6.0 Closeout

6.1	When complete, obtain approval of Facility Manager for completed actions.		
	Facility Manager	Printed name / Signature	Date

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This Beryllium Decontamination Plan will be used to clean or decontaminate areas and equipment where beryllium contamination is confirmed or suspected.

# 1.0 DECONTAMINATION OF ITEMS AND SURFACES

Cleaning of equipment and material will be conducted for the release of materials from a BCA. The cleaning methods are as follows: wiping with a damp cloth, wet wipe, or MSA Personal Safety Equipment Towelette, HEPA vacuuming, using tack cloth, or using other methods that will minimize the generation of airborne beryllium. (Other methods must be approved by an Industrial Hygienist.) Aggressive decontamination methods which may cause beryllium to aerosolize, such as scrubbing with a wire brush or using a spray applicator to apply water or cleaning agents, are **prohibited** when dealing with potential beryllium contamination. All cleaning material used to clean equipment and materials within a BCA must be bagged, labeled, and disposed of as beryllium-contaminated waste. (DOE-0342, 6.21)

# 1.1 Respirators

Respirators include but are not limited to:

PAPRs and Hoods

- Face pieces
- PAPR Hoses/Hoods
- Belts
- Blower Motors
- Cartridge Assemblies (Respirator cartridges themselves cannot be decontaminated.)

#### NOTE:

- Bullard recommends that their respirators be wiped down with a wet wipe or damp cloth.
- MSA requires that their respirators be wiped down with an MSA Personal Safety Equipment Towelette.

#### SCBA's and Face Pieces

- Respirator face piece
- Back pack apparatus
- Air Tank
- Hoses
- Straps
- Regulator
- 1.1.1 WIPE exterior of respirators and associated parts with damp cloths, wet wipes, or MSA Personal Safety Equipment Towelettes (per manufacturer's instructions), to remove dust/particulates before the cartridges are removed.
- 1.1.2 TAPE OR PLUG the cartridge openings and blower motor openings.
- 1.1.3 WIPE exterior of cartridges with damp cloths or wet wipes.
- 1.1.4 DISCARD used wet wipes, towelettes, or damp cloths, cartridges, and PAPR hoods as potential beryllium waste or mixed waste, as applicable.

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# 1.2 IH Sample Pumps

NOTE: The 37 mm Mixed Cellulose Ester (MEC) filter cassettes used for beryllium sampling are the first line filter and are effective at preventing beryllium contamination reaching the in-line filter used by RadCon to release samples.

- 1.2.1 WIPE the exterior of IH sample pumps, associated Tygon tubing, and in-line filter with wet wipes or damp cloths.
- 1.2.2 DISCARD used wet wipes or damp cloths as potential beryllium waste or mixed waste, as applicable.
- 1.3 Tools and Equipment

Tools and equipment may include but are not limited to:

- Power tools
- Hand tools
- Ladders
- Portable RadCon Equipment
- 1.3.1 WIPE the exterior of all tools and equipment used in the BCA with wet wipes or damp cloths.
- 1.3.2 DISCARD used wet wipes or damp cloths as potential beryllium waste or mixed waste, as applicable.
- 1.4 Potentially Internally Contaminated Items
  - 1.4.1 <u>IF</u> any item used in the BCA has the potential to draw air through its internal workings <u>AND</u> it does **not** have a filter system or other apparatus to keep beryllium contamination from reaching internal surfaces
    <u>AND</u> the internal surfaces of the item **cannot** be sampled and determined free of beryllium or otherwise be cleared of beryllium contamination, <u>THEN</u> LABEL that item as potentially internally beryllium contaminated, (DOE-0342 Attachment 5-E)

AND KEEP it segregated from non-beryllium contaminated equipment, as it may no longer be used outside of a BCA.

## 1.5 Release of Items for General Use

1.5.1 <u>IF</u> the respirators (excluding cartridges), portable RadCon equipment, IH sample pumps, and other tools and equipment have been thoroughly wiped down,

<u>AND</u> they are not labeled as potentially internally beryllium contaminated,

<u>THEN</u> RELEASE them for general use in non-beryllium work.

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NOTE: A combination of HEPA vacuuming, wiping with a wet wipe or damp cloth, and using tack cloth may be most effective in situations where a large amount of dust and debris is present. For example: HEPA vacuuming the dust and debris would remove the majority of the potential contamination. This would make wiping with a wet wipe or damp cloth or using tack cloth more efficient. This practice would also decrease the potential for the spread of beryllium contamination.

#### 1.6 Decontamination of Areas

- 1.6.1 DECONTAMINATE areas and surfaces, such as floors, counters, and exteriors of non-portable equipment, by HEPA vacuuming, wiping with a wet wipe or damp cloth, and/or using tack cloth.
- 1.6.2 DISPOSE of any waste generated from decontamination activities as potential beryllium waste or mixed waste, as applicable.
- 1.7 Disposition of Protective Clothing
  - 1.7.1 VACCUM protective suits with a HEPA vacuum (recommended) ONLY if within the Process Area or room 113,
     OR WIPE DOWN (carefully) with a wet wipe or damp rag,
     OR USE tack cloth prior to removal.
  - 1.7.2 PLACE washable suits, gloves, and booties worn in BCA areas in a laundry bag.
  - 1.7.3 DISCARD disposable suits, gloves, and booties worn in BCA areas, as well as damp rags or tack cloths used to wipe down protective clothing, as potential beryllium waste or mixed waste, as applicable.

# 1.8 Beryllium Waste and Laundry Bags

NOTE: Per Sections 6.22 and 6.23 of DOE-0342, labels may be applied to waste containers as beryllium waste at the time that waste items are bagged or containerized. While in the BCA, it is acceptable to place beryllium waste in unlabeled waste containers. The waste items may be left unlabeled until industrial hygiene sample results are received to properly characterize the waste. Be aware, other labeling requirements such as Waste Management labeling requirements for Dangerous Waste may be required for some waste streams in the interim. If Items are already labeled, waste labels may be removed or changed to reflect the beryllium characterization. However, all beryllium waste must be properly labeled before it leaves the BCA.

- 1.8.1 LABEL potential beryllium waste, potential beryllium laundry, and beryllium-containing mixed waste with a Beryllium Waste Label. (DOE-0342, Attachment 5-D)
- 1.8.2 WIPE beryllium waste and laundry bags with wet wipes or damp cloths before removing them from the BCA.
- 1.8.3 <u>IF</u> waste/laundry bags will stay in the general work area, <u>THEN</u> WIPE beryllium waste bags with wet wipes or damp cloths before the BCA is down posted.

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- 1.8.4 NOTIFY laundry of beryllium-containing laundry to be picked up.
- 1.8.5 DISPOSE of beryllium-containing waste per DOE-0342.

# 2.0 DOWN-POST OF BCA

- 2.1 EVALUATE the BCA area per the limits set by DOE-0342.
- 2.2 (IH) IF IH sampling confirms that the BCA meets the decontamination criteria set forth by DOE-0342,

  THEN RELEASE AND DOWN POST the area from the BCA.
- 2.3 NOTIFY DOS of change in BCA status.

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USQ Determination #: WRP-11-037, Rev 0	
N/A N/A	N/A
Person applying CX (if CX is used)	IVA
Jacob Stranger	
Jason Sweesy WRAP Industrial Safety Representative (sign, print, date)	05/01/2011
/	GCX-7 MSX-5/1/11
Michael Frazier PEK TELE CON Tim FULTON Im I Nuclear Safety (sign, print, date)	05/01/2011
Shawn Mellgren	05/01/2011
WRAP Radiological Control Manager (sign, print, date)	00/01/2011
Timothy J. Fulton  Recovery Plan author (sign, print, date)	05/01/2011
	1
R. Jay Bottenus PER TELECON TIM FULTERS [Two] Engineering manager (sign, print, date)	05/01/2011
Engineering manager (sign, print, date)	<del>,</del>
Timothy J. Fulton	05/01/2011
Recovery Plan owner (sign, print, date)	05/01/2011
/ Wast //	
A. Stu Mortensen  Facility manager or WSD Technical Support Director (sign, print, date)	05/01/2011
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WRAP-RP-11-03

CHPRC WRAP FACILITY RECOVERY PLAN

Effective Date: (05/01/11)



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CHPRC WRAP FACILITY RECOVERY PLAN	
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#### **Purpose**

This Recovery Plan provides instructions for a controlled entry into WRAP Building 2404WB to inspect, sample, survey and decontaminate, as necessary, TRU waste drums. Additional instructions are provided for performing follow-up inspections, surveys and decontamination within 2404WB; preparing drums for transfer to 2404WC; and overpacking affected drums into 85-gallon drums.

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## 1.0 Related Documents

- 1.1. Radiological Work Permit (RWP) WP-574, Rev 3.
- 1.2. Beryllium Work Permit (BWP) PRC-WRAP-10-020, Rev 0
- 1.3. Beryllium Hazard Assessment BWP-WRAP-4-28-2011, Rev 0
- 1.4. WRAP Management Directive WRAP-MD-10-002, Rev 0-1, Appendix A
- 1.5. SWITS data for container 0062288, 0061308 and others as needed.
- 1.6. WRP1-OP-0503, Move Containers Throughout WRAP Facility.
- 1.7. WRP1-OP-1708, Packaging Low-Level Waste.
- 1.8. WRP1-OP-1709, Package Mixed Waste.
- 1.9. AJHA W1-1086
- 1.10. USQ Screening WRP-11-037 Rev 0
- 1.11. AMW WP-11-010
- 1.12. CHPRC Radiological Hazard Screening Form WPSF-11-0131
- 1.13. WRP1-OP-1205 Grab Air Sampling
- 1.14. WRP1-OP-1230 Gross Alpha and Beta Field Counting
- 1.15.LL 2007-RL-HNF-0012 Leaking Drum Identified, Contained in Safe and Efficient Manner
- 1.16. LL 1998-RL-FDH-0004 Handling Drums Safely
- 1.17. Waste Planning Checklist

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# 2.0 Prerequisites

- 2.1 OBTAIN and REVIEW SWITS data on Drums 0062288, 0061308 and other containers as needed to determine contents and related material hazards.
- 2.2 Hazard Review Board (HRB) review and approval of this recovery plan.
- 2.3 A FORMAL Pre-Job Briefing is required.
- 2.4 For reference use AJHA W1-1086 and use form A-6004-952 Rev. 5 to record pre-job.
- 2.5 DAILY and PRE-USE INSPECTIONS of Forklift(s) and A-Frame must be completed prior to use.
- 2.6 Personnel performing this recovery plan are qualified in accordance with Waste Management Project Procedure WMP-200, section 5.1 Training and Qualification Program and on-the-job training.
- 2.7 Personnel assigned must be Beryllium Workers.

# 3.0 Precautions, Limitations, Tools and Equipment

- 3.1. If during the performance of this recovery plan an unexpected result occurs and/or the conditions change beyond the boundaries of the related documents, all work shall be stopped, and workers will exit. The recovery team will reassemble and revise this recovery plan as required to address any new condition. Appropriate reviews and approvals, including HRB Review, will be required.
- 3.2. 2404WB building ventilation is not HEPA filtered; building ventilation must remain secured and roll up doors shall be closed until airborne radioactivity in the building is confirmed to be < 0.2 DAC.
- 3.3. Use all prescribed PPE as listed in the RWP and BWP.
  - 3.3.1 First entry minimum respiratory protection in ARA will be SCBA or Carry-In. supplied air systems.
  - 3.3.2 Follow on entries will be based on contamination levels and may use PAPR with Chemical/Particulate Combination Cartridges or Particulate Cartridges as directed by IH and RadCon.
- 3.4. Radiological Requirements
  - 3.4.1 Work will be controlled by RWP WP-574, Rev. 3
- 3.5. Industrial Safety Controls
  - 3.5.1 Industrial Hygiene will confirm established heat stress controls immediately prior to the start of work.
    - Buddy system
    - Provide water/fluids.
  - 3.5.2 Personal Protective Equipment
    - Leather work gloves or equivalent will be used when handling sharp
      instruments or moving waste containers. Leather work glove or equivalent
      should be worn on the top of clean uncontaminated Nitrile gloves. If outer
      work gloves become contaminated with corrosive material, change outer
      work gloves and the first layer of Nitrile gloves (the layer located just

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beneath the work gloves) with clean uncontaminated and Nitrile gloves and work gloves.

- When handling suspect contaminated material or cleaning up spills Chemical-resistant Nitrile/ latex gloves should be worn.
- 3.5.3 Radiological PPE will be controlled by RWP WP-574, Rev 3.
- 3.5.4 Ergonomic Controls
  - · Participants should consider warming up and stretching out prior to activity.
  - Two-person lifting. If metal pallets must be moved, special instructions from IH
    will be required.
- 3.6. Radio contact to be maintained with Radcon Supervision and OPS FLM.
- 3.7. Should chemical products need to be added to the Waste Plan during the course of this work, notify IH representative(s) Jason Robert Campbell (509) 373-9599 or Clint McBride (509) 373-2238 and Waste Coordinator Markus McGrath (509) 372-1642 for evaluation.
- 3.8. IF conditions require exit from ARA (2 hour respiratory limit), RE-ENTRY is permitted to continue under this recovery plan.
- 3.9. Beryllium decontamination of equipment and respiratory equipment will be performed per Appendix A WRAP beryllium Decontamination Plan, current revision.
- 3.10. Industrial Hygiene will identify and coordinate Beryllium Clearance Samples during the course of the recovery plan.
- 3.11. Tools and Equipment: (Key Items)
- Waste bag(s) (10mil)
- Survey instruments and materials RADCON.
- Survey instruments and materials IH.
- Tool Cart
- Duct tape / Patch materials (Glove Bag Material)
- Craft paper / plastic / Yellow tack sheeting
- Wet and dry Decon rags and/or wipes
- Miscellaneous hand tools, including reach tools
- Flashlight or portable lighting
- 85-Gallon Overpack Drums (2)
- Forklift (Electric Only inside 2404WB)
- Electric walk-behind drum mover
- A-frame hoist / jib crane
- Reinforced drum liner/bag for overpacking
- Radiological posting material (ARA,HCA,RA,RBA,RMA)
- Tarp (3)
- A-Frame Hoist and Attachments
- Fixative Solutions Soil Cement (#035321)
- Portable sprayer (Soil Cement)
- Chemical resistant gloves (Silver Shield)
- pH paper and chart
- Distilled water (250/500 mil bottle)
- Drip Pan (55-gal drum)
- · Caldwell lift attachment for forklift

- Sling, 3-point drum
- Beryllium labels
- Tach cloth or Lint rollers (Beryllium decon)
- Baking Soda (4- 11b boxes)
- Metal side cutters
- · Laundry rack
- Laundry bags (SWP)
- 55-gal Room Waste drum (Step-off pad)
- · Step-off pad
- Stanchions
- Rad Rope
- Tables (2)
- Chairs
- Brooms
- Hemostat 2- long & 2 short
- Portable radios
- Extension Cord (2)
- Forklift Tine Sleeves
- Stanchions
- Water Resistant Suits
- Knee pads or Kneeling pads

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#### NOTE:

<u>Current Condition</u>: 2404WB is in the Standby Mode with ventilation secured and access to the building restricted. The building is posted as an ARA, HCA and BCA.

Drum 0061308 and 0062288 were was loaded out of the TRU Glovebox on 02/10/11. Both contain approximately the same waste constituents and were assayed on the same date of 03/14/11. They were respectively transferred to 2404WB Row 8 on 03/14/11 and 03/16/11.

<u>Desired Condition</u>: Drum 0062288, sister drum and any other affected waste containers in 2404WB will be addressed and placed into a safe/compliant condition (decontaminated and/or over-packed as necessary). Other contaminated drums, items or area within 2404WB will be decontaminated or covered to create stable radiological conditions and will be posted accordingly.

#### 5.0 Instructions

5.1	<b>PERFORM</b> a Formal Pre-Job Briefing with all personnel involved with the performance of tasks within this recovery plan.	
	FLM Print / Signature	Date

**5.2** Ensure all prerequisites have been completed prior to starting Tasks.

# NOTE:

- 2404WB will remain under restricted access until cleared by the WRAP DOS.
- RADCON Void Limits are found in RWP-WP-574 Rev.3
- Decontamination to removable ALARA levels means: Decontamination efforts will be repeated
  unless it is not reasonable to continue. Due to the uncertainties of this plan, decontamination
  efforts cannot be precisely defined, however; this typically means until decontamination attempts
  result in a reduction of less than one half the previous attempt.

## TASK 1 Characterization and Stabilization

- 5.3 Characterization Team of NCOs and RCTs PREPARE to enter 2404WB.
  - Set up appropriate step-off pads including CA & RBA.
  - Stage survey and sampling equipment for RADCON and IH.
  - Stage radiological posting materials.
- 5.4 ENSURE DOS places 2404WB into OPERATIONS MODE.
  - OBTAIN approval from DOS to allow entry into 2404WB.

#### NOTE:

Visual inspections and Radiological surveys of suspect surfaces, materials and containers will be continuous; as needed to perform the disposition, decontamination and for all activities needed to place the contaminated area and containers in a safe configuration. Specific inspections and surveys are noted as work steps for reference, but additional inspections and surveys throughout the performance of this recovery plan are implied.

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## 5.5 NCOs and RCTs ENTER 2404WB.

#### **WARNING:**

- IF radiological Void Limits are MET or EXCEEDED, THEN IMMEDIATELY EXIT.
- Ensure that chemical PPE is specific to the chemical being used and covers all potential areas of exposure. Silver Shield gloves to be worn over surgeons.
- 5.5.1 PERFORM the following actions prior to moving drums from Row 8.
  - RCTs start air sampling.
  - SURVEY/ SAMPLE travel path up to affected area.
  - Perform Pre-Use Inspection of Forklift; inform FLM of completion.
  - Visually INSPECT drum(s) for container integrity conditions. [SAC 5.6.4, AC 5.7.8 ACMP]
    - o REPORT container integrity conditions to Operations FLM via radio. If other container(s) is/are found breached, then STOP.
  - Visually INSPECT the floor, pallets and surrounding areas for abnormal conditions.
    - o REPORT any abnormal conditions to Operations FLM via radio.
  - TAKE contamination and pH SAMPLES of affected areas.
    - REPORT contamination levels and pH levels to RADCON Supervision and Operations FLM via radio.
    - o If acidic, then neutralize spill area with baking soda.
  - Cover or fix areas of contamination ≥20,000,000 dpm/100cm<sup>2</sup> Alpha. (10 Rad/hr using a BWCP)
  - PERFORM setup (e.g., move pallets, layout tarp(s), etc.)

# **WARNING:**

Use special care when handling, moving or positioning leaking waste containers.

- 5.6 Relocate/Survey unaffected drums from Row 8 to designated staging location.
- 5.7 PERFORM characterization survey of accessible areas of the affected drum(s), pallet(s) and floor.
- 5.8 REPORT survey results to RADCON Supervisor and Operations FLM via radio.
- 5.9 LIFT affected pallet(s) to allow RCT to survey under the pallet(s).
- 5.10 MOVE affected pallet(s) to designated location.
- 5.11 Cover/Apply absorbent/neutralizing material to spill area.

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- 5.12 Un-band drums on affected pallet(s).
- 5.13 Visually INSPECT drum(s) for container integrity conditions. [SAC 5.6.4, AC 5.7.8 ACMP]
- 5.14 SURVEY the accessible areas of pallet containing drum 0062288.
- 5.15 REPORT survey results and inspections to RADCON Supervisor and Operations FLM via radio.
- 5.16 RELOCATE affected non-leaking drum(s) one-at-a-time within the work area using a parrot beak. [LL 2007-RL-HNF-0012]
- 5.17 PLACE leaking drum(s) into a reinforced plastic bag using drum mover or Caldwell lift attachment.
  - If using the Caldwell, then the leaking drum(s) may be over-packed per Step 5.29 and then return to Step 5.19.
- 5.18 PLACE bagged leaking drum(s) in catch pan on pallet with absorbent material around the base of the drum.
- 5.19 Wrap contaminated pallet(s) with plastic sheeting.



- 5.20 SURVEY the accessible areas of the affected floor, drum(s) and pallet(s).
- 5.21 Repeat steps 5.6 through 5.21 until spill area(s), drum(s) and pallet(s) are characterized and stabilized.

#### Caution:

Decontamination will be performed using damp materials (e.g., wet-wipe, damp cloths) or material designed for capturing dirt/dust (masslin). Decontamination will be performed by water dampened cloth and covered with plastic and tape. Use of aggressive methods such as sweeping, grinding, wire brushes or flapper wheels are not allowed.

Suspect breached drum may create >.2 DAC

- 5.22 DECONTAMINATE/COVER drum(s), floor, pallet(s) and other areas to removable ALARA levels, based on portable radiological instrumentation measurements.
- 5.23 SURVEY the accessible areas of the affected drum(s).
- 5.24 REPORT survey results to RADCON Supervisor and Operations FLM via radio.
- 5.25 PACKAGE waste per WRP1-OP-1709 for mixed waste or WRP1-OP-1708 for low level waste and the Waste Planning Checklist.
- 5.26 Perform down post Radiological surveys of 2404WB.
- 5.27 Post radiological areas/equipment as determined by Radiological surveys.
- 5.28 Per the DOS, DOWN post 2404-WB for Radiological to normal and remove appropriate posting.

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## TASK 2 Overpack Affected Drums

- 5.29 IF drum overpack is to occur in 2404WB, then perform the following:
  - 5.29.1 PREPARE overpack drum.
  - 5.29.2 Stage drum(s) for overpack at designated location.

## NOTE:

Sample Treatment Director will provide information regarding the addition of absorbent materials and/or neutralizing materials to the overpack drum during loading.

- 5.29.3 OVERPACK drum(s) per WRP1-OP-0503 Section 4.13. [LL 1998-RL-FDH-0004]
- 5.30 IF drum overpack is to occur in 2404-WC, then perform the following:
  - 5.30.1 TRANSFER drum(s) to 2404WC per WRP1-OP-0503.
  - 5.30.2 ENSURE a second NCO INSPECTS the load prior to transfer to 2404WC.
  - 5.30.3 ENSURE RCT performs survey prior to transfer to 2404WC.
  - 5.30.4 SURVEY drum(s) upon arrival at 2404WC.

## NOTE:

Sample Treatment Director will provide information regarding the addition of absorbent materials and/or neutralizing materials to the overpack drum during loading.

- 5.30.5 OVERPACK drum(s) per WRP1-OP-0503 Section 4.13. [LL 1998-RL-FDH-0004]
- 5.31 Perform Beryllium down post of 2404-WB as directed by IH.
- 5.32 DOS direct 2404WB to be down posted to normal and remove restricted access.
- 5.33 LOCATE and INSPECT Drum 0061308 as best as possible for signs of drum integrity concerns.
- 5.34 REPORT the drum location/inspection results to RADCON Supervisor and Operations FLM.
- 5.35 PERFORM housekeeping, store equipment and materials and handle packaged waste as directed.

#### 6.0 Closeout

	Facility Manager	Printed name / Signature	 Date

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This Beryllium Decontamination Plan will be used to clean or decontaminate areas and equipment where beryllium contamination is confirmed or suspected.

#### 1.0 DECONTAMINATION OF ITEMS AND SURFACES

Cleaning of equipment and material will be conducted for the release of materials from a BCA. The cleaning methods are as follows: wiping with a damp cloth, wet wipe, or MSA Personal Safety Equipment Towelette, HEPA vacuuming, using tack cloth, or using other methods that will minimize the generation of airborne beryllium. (Other methods must be approved by an Industrial Hygienist.) Aggressive decontamination methods which may cause beryllium to aerosolize, such as scrubbing with a wire brush or using a spray applicator to apply water or cleaning agents, are **prohibited** when dealing with potential beryllium contamination. All cleaning material used to clean equipment and materials within a BCA must be bagged, labeled, and disposed of as beryllium-contaminated waste. (DOE-0342, 6.21)

# 1.1 Respirators

Respirators include but are not limited to:

PAPRs and Hoods

- Face pieces
- PAPR Hoses/Hoods
- Belts
- Blower Motors
- Cartridge Assemblies (Respirator cartridges themselves cannot be decontaminated.)

#### NOTE:

- Bullard recommends that their respirators be wiped down with a wet wipe or damp cloth.
- MSA requires that their respirators be wiped down with an MSA Personal Safety Equipment Towelette.

#### SCBA's and Face Pieces

- Respirator face piece
- Back pack apparatus
- Air Tank
- Hoses
- Straps
- Regulator
- 1.1.1 WIPE exterior of respirators and associated parts with damp cloths, wet wipes, or MSA Personal Safety Equipment Towelettes (per manufacturer's instructions), to remove dust/particulates before the cartridges are removed.
- 1.1.2 TAPE OR PLUG the cartridge openings and blower motor openings.
- 1.1.3 WIPE exterior of cartridges with damp cloths or wet wipes.
- 1.1.4 DISCARD used wet wipes, towelettes, or damp cloths, cartridges, and PAPR hoods as potential beryllium waste or mixed waste, as applicable.

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# 1.2 IH Sample Pumps

**NOTE:** The 37 mm Mixed Cellulose Ester (MEC) filter cassettes used for beryllium sampling are the first line filter and are effective at preventing beryllium contamination reaching the in-line filter used by RadCon to release samples.

- 1.2.1 WIPE the exterior of IH sample pumps, associated Tygon tubing, and in-line filter with wet wipes or damp cloths.
- 1.2.2 DISCARD used wet wipes or damp cloths as potential beryllium waste or mixed waste, as applicable.
- 1.3 Tools and Equipment

Tools and equipment may include but are not limited to:

- Power tools
- Hand tools
- Ladders
- Portable RadCon Equipment
- 1.3.1 WIPE the exterior of all tools and equipment used in the BCA with wet wipes or damp cloths.
- 1.3.2 DISCARD used wet wipes or damp cloths as potential beryllium waste or mixed waste, as applicable.
- 1.4 Potentially Internally Contaminated Items
  - 1.4.1 <u>IF</u> any item used in the BCA has the potential to draw air through its internal workings <u>AND</u> it does **not** have a filter system or other apparatus to keep beryllium contamination from reaching internal surfaces

<u>AND</u> the internal surfaces of the item **cannot** be sampled and determined free of beryllium or otherwise be cleared of beryllium contamination,

<u>THEN</u> LABEL that item as potentially internally beryllium contaminated, (DOE-0342 Attachment 5-E)

<u>AND</u> KEEP it segregated from non-beryllium contaminated equipment, as it may no longer be used outside of a BCA.

## 1.5 Release of Items for General Use

1.5.1 IF the respirators (excluding cartridges), portable RadCon equipment, IH sample pumps, and other tools and equipment have been thoroughly wiped down, AND they are not labeled as potentially internally beryllium contaminated, THEN RELEASE them for general use in non-beryllium work.

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NOTE: A combination of HEPA vacuuming, wiping with a wet wipe or damp cloth, and using tack cloth may be most effective in situations where a large amount of dust and debris is present. For example: HEPA vacuuming the dust and debris would remove the majority of the potential contamination. This would make wiping with a wet wipe or damp cloth or using tack cloth more efficient. This practice would also decrease the potential for the spread of beryllium contamination.

#### 1.6 Decontamination of Areas

- 1.6.1 DECONTAMINATE areas and surfaces, such as floors, counters, and exteriors of non-portable equipment, by HEPA vacuuming, wiping with a wet wipe or damp cloth, and/or using tack cloth.
- 1.6.2 DISPOSE of any waste generated from decontamination activities as potential beryllium waste or mixed waste, as applicable.
- 1.7 Disposition of Protective Clothing
  - 1.7.1 VACCUM protective suits with a HEPA vacuum (recommended) ONLY if within the Process Area or room 113,
     OR WIPE DOWN (carefully) with a wet wipe or damp rag,
     OR USE tack cloth prior to removal.
  - 1.7.2 PLACE washable suits, gloves, and booties worn in BCA areas in a laundry bag.
  - 1.7.3 DISCARD disposable suits, gloves, and booties worn in BCA areas, as well as damp rags or tack cloths used to wipe down protective clothing, as potential beryllium waste or mixed waste, as applicable.

# 1.8 Beryllium Waste and Laundry Bags

NOTE: Per Sections 6.22 and 6.23 of DOE-0342, labels may be applied to waste containers as beryllium waste at the time that waste items are bagged or containerized. While in the BCA, it is acceptable to place beryllium waste in unlabeled waste containers. The waste items may be left unlabeled until industrial hygiene sample results are received to properly characterize the waste. Be aware, other labeling requirements such as Waste Management labeling requirements for Dangerous Waste may be required for some waste streams in the interim. If Items are already labeled, waste labels may be removed or changed to reflect the beryllium characterization. However, all beryllium waste must be properly labeled before it leaves the BCA.

- 1.8.1 LABEL potential beryllium waste, potential beryllium laundry, and beryllium-containing mixed waste with a Beryllium Waste Label. (DOE-0342, Attachment 5-D)
- 1.8.2 WIPE beryllium waste and laundry bags with wet wipes or damp cloths before removing them from the BCA.
- 1.8.3 IF waste/laundry bags will stay in the general work area,

  THEN WIPE beryllium waste bags with wet wipes or damp cloths before the BCA is down posted.

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- 1.8.4 NOTIFY laundry of beryllium-containing laundry to be picked up.
- 1.8.5 DISPOSE of beryllium-containing waste per DOE-0342.

# 2.0 DOWN-POST OF BCA

- 2.1 EVALUATE the BCA area per the limits set by DOE-0342.
- (IH) <u>IF</u> IH sampling confirms that the BCA meets the decontamination criteria set forth by DOE-0342,
   THEN RELEASE <u>AND</u> DOWN POST the area from the BCA.
- 2.3 NOTIFY DOS of change in BCA status.

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CHPRC WRAP FACILITY RECOVERY PLAN  DECONTAMINATE WASTE DRUM(S) IN 2404 WB & OVERPACK		PAGE 1 OF 1	
USQ Determination #: WRI	P-11-037, Rev 0		
N/A Person applying CX (if CX	N/A	N/A	
roison applying O21 (if O21	as assea)		
Jason Sweesy	Signature on file	05/05/2011	
WRAP Industrial Safety Re	presentative (sign, print, date)		
Michael Frazier	Signature on file	05/05/2011	
Nuclear Safety (sign, print,		55,55,251	
Shawn Mellgren	Signature on file	05/05/2011	
WRAP Radiological Contro	l Manager (sign, print, date)		
		0.000 (0.000	
Timothy J. Fulton Recovery Plan author (sign,	Signature on file print, date)	05/05/2011	
, , , ,			
R. Jay Bottenus	Signature on file	05/05/2011	
Engineering manager (sign,	print, date)		
Timothy J. Fulton	Signature on file	05/05/2011	
Recovery Plan owner (sign,		05/05/2011	
A. Stu Mortensen	Signature on file echnical Support Director (sign, print, date)	05/05/2011	

Effective Date: (05/05/11)

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CHPRC WRAP FACILITY RECOVERY PLAN	
DECONTAMINATE WASTE DRUM(S) IN 2404 WB & OVERPACK	PAGE 2 OF 12

#### Purpose

This Recovery Plan provides instructions for a controlled entry into WRAP Building 2404WB to inspect, sample, survey and decontaminate, as necessary, TRU waste drums. Additional instructions are provided for performing follow-up inspections, surveys and decontamination within 2404WB; preparing drums for transfer to 2404WC; and overpacking affected drums into 85-gallon drums.

On April 26, 2011 at approximately 0840 hours, an NCO reported approximately 20ml of liquid found on the bottom rolled edge of drum 0062288. Liquid was also reported on the drum's wooden pallet and the adjacent floor next to the pallet. The drum is palletized on the bottom tier of row 8, three pallets deep from the front of the row. An initial radiological direct reading was off scale for alpha; and a smear was also off scale for alpha with no detectable beta/gamma. Building ventilation was off and remains off at this time.

Surveys of the exterior doors, thresholds and pathways found no contamination. 2404WB is currently in the Standby Mode and access is restricted and posted High Contamination Area (HCA), Airborne Radioactive Area (ARA) and Beryllium Controlled Area (BCA).

SWITS and DMS identify drum 0062288 as a repack of drum HEDL-63. The empty drum was received on July 16, 2009 and moved into the process area on February 7, 2011. It was repackaged on February 9, 2011. The contents of HEDL-63 were split into this drum and into sister drum 0061308. SWITS data describes all layers of confinement were reduced to zero, a sealed 50 gallon liquid liner cut up, and absorbent material found was acidic (PH <2) before adding 4.5lbs of baking soda to neutralize. Drum 0062288 remained in 2336W until it was assayed on March 14, 2011. Later that day it was moved to its current location in 2404WB row 08. Sister drum 0061308 resides in 2404WB in row 8 but the pallet tier and depth are not known.

At the conclusion of this recovery plan, drum 0062288, sister drum 0061308 and any other affected waste containers in 2404WB's will be addressed and placed into a safe/compliant condition (decontaminated and/or overpacked, as appropriate); equipment/building floor will also be surveyed and decontaminated to the extent possible and will be posted; and low-level waste will be packaged OR this recovery plan will be revised to further mitigate potentially hazardous conditions.

## 1.0 Related Documents

- 1.1. Radiological Work Permit (RWP) WP-574, Rev 3.
- 1.2. Beryllium Work Permit (BWP) PRC-WRAP-10-020, Rev 0
- 1.3. Beryllium Hazard Assessment BWP-WRAP-4-28-2011, Rev 0
- 1.4. WRAP Management Directive WRAP-MD-10-002, Rev 0-1, Appendix A
- 1.5. SWITS data for container 0062288, 0061308 and others as needed.
- 1.6. WRP1-OP-0503, Move Containers Throughout WRAP Facility.
- 1.7. WRP1-OP-1708, Packaging Low-Level Waste.
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- 1.16. LL 1998-RL-FDH-0004 Handling Drums Safely
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DECONTAMINATE WASTE DRUM(S) IN 2404 WB & OVERPACK	PAGE 3 OF 12

#### 2.0 Prerequisites

- 2.1 OBTAIN and REVIEW SWITS data on Drums 0062288, 0061308 and other containers as needed to determine contents and related material hazards.
- 2.2 Hazard Review Board (HRB) review and approval of this recovery plan.
- 2.3 A FORMAL Pre-Job Briefing is required.
- 2.4 For reference use AJHA W1-1086 and use form A-6004-952 Rev. 5 to record pre-job.
- 2.5 DAILY and PRE-USE INSPECTIONS of Forklift(s) and A-Frame must be completed prior to use.
- 2.6 Personnel performing this recovery plan are qualified in accordance with Waste Management Project Procedure WMP-200, section 5.1 Training and Qualification Program and on-the-job training.
- 2.7 Personnel assigned must be Beryllium Workers.

## 3.0 Precautions, Limitations, Tools and Equipment

- 3.1. If during the performance of this recovery plan an unexpected result occurs and/or the conditions change beyond the boundaries of the related documents, all work shall be stopped, and workers will exit. The recovery team will reassemble and revise this recovery plan as required to address any new condition. Appropriate reviews and approvals, including HRB Review, will be required.
- 3.2. 2404WB building ventilation is not HEPA filtered; building ventilation must remain secured and roll up doors shall be closed until airborne radioactivity in the building is confirmed to be < 0.2 DAC.
- 3.3. Use all prescribed PPE as listed in the RWP and BWP.
  - 3.3.1 First entry minimum respiratory protection in ARA will be SCBA or Carry-In. supplied air systems.
  - 3.3.2 Follow on entries will be based on contamination levels and may use PAPR with Chemical/Particulate Combination Cartridges or Particulate Cartridges as directed by IH and RadCon.
- 3.4. Radiological Requirements
  - 3.4.1 Work will be controlled by RWP WP-574, Rev. 3
- 3.5. Industrial Safety Controls
  - 3.5.1 Industrial Hygiene will confirm established heat stress controls immediately prior to the start of work.
    - Buddy system
    - Provide water/fluids.
  - 3.5.2 Personal Protective Equipment
    - Leather work gloves or equivalent will be used when handling sharp
      instruments or moving waste containers. Leather work glove or equivalent
      should be worn on the top of clean uncontaminated Nitrile gloves. If outer
      work gloves become contaminated with corrosive material, change outer
      work gloves and the first layer of Nitrile gloves (the layer located just

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beneath the work gloves) with clean uncontaminated and Nitrile gloves and work gloves.

- When handling suspect contaminated material or cleaning up spills Chemical-resistant Nitrile/ latex gloves should be worn.
- 3.5.3 Radiological PPE will be controlled by RWP WP-574, Rev 3.
- 3.5.4 Ergonomic Controls
  - Participants should consider warming up and stretching out prior to activity.
  - Two-person lifting. If metal pallets must be moved, special instructions from IH
    will be required.
- 3.6. Radio contact to be maintained with Radcon Supervision and OPS FLM.
- 3.7. Should chemical products need to be added to the Waste Plan during the course of this work, notify IH representative(s) Jason Sweesy (509) 373-1304 and Waste Coordinator Markus McGrath (509) 372-1642 for evaluation.
- 3.8. If conditions require exit from ARA (2 hour respiratory limit), RE-ENTRY is permitted to continue under this recovery plan.
- 3.9. Beryllium decontamination of equipment and respiratory equipment will be performed per Appendix A WRAP beryllium Decontamination Plan, current revision.
- 3.10. Industrial Hygiene will identify and coordinate Beryllium Clearance Samples during the course of the recovery plan.
- 3.11. Tools and Equipment: (Key Items)
- Waste bag(s) (10mil)
- Survey instruments and materials RADCON.
- Survey instruments and materials IH.
- Tool Cart
- Duct tape / Patch materials (Glove Bag Material)
- Craft paper / plastic / Yellow tack sheeting
- Wet and dry Decon rags and/or wipes
- Miscellaneous hand tools, including reach tools
- Flashlight or portable lighting
- 85-Gallon Overpack Drums (2)
- Forklift (Electric Only inside 2404WB)
- Electric walk-behind drum mover
- A-frame hoist / jib crane
- Reinforced drum liner/bag for overpacking
- Radiological posting material (ARA,HCA,RA,RBA,RMA)
- Tarp (3)
- A-Frame Hoist and Attachments
- Fixative Solutions Soil Cement (#035321)
- Portable sprayer (Soil Cement)
- Chemical resistant gloves (Silver Shield)
- pH paper and chart
- Distilled water (250/500 mil bottle)
- Drip Pan (55-gal drum)
- · Caldwell lift attachment for forklift

- Sling, 3-point drum
- Beryllium labels
- Tach cloth or Lint rollers (Beryllium decon)
- Baking Soda (4- 11b boxes)
- Metal side cutters
- Laundry rack
- Laundry bags (SWP)
- 55-gal Room Waste drum (Step-off pad)
- Step-off pad
- Stanchions
- Rad Rope
- Tables (2)
- Chairs
- Brooms
- Hemostat 2- long & 2 short
- · Portable radios
- Extension Cord (2)
- Forklift Tine Sleeves
- Stanchions
- Water Resistant Suits
- · Knee pads or Kneeling pads

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#### NOTE:

<u>Current Condition</u>: 2404WB is in the Standby Mode with ventilation secured and access to the building restricted. The building is posted as an ARA, HCA and BCA.

Drum 0061308 and 0062288 were was loaded out of the TRU Glovebox on 02/10/11. Both contain approximately the same waste constituents and were assayed on the same date of 03/14/11. They were respectively transferred to 2404WB Row 8 on 03/14/11 and 03/16/11.

<u>Desired Condition</u>: Drum 0062288, sister drum and any other affected waste containers in 2404WB will be addressed and placed into a safe/compliant condition (decontaminated and/or over-packed as necessary). Other contaminated drums, items or area within 2404WB will be decontaminated or covered to create stable radiological conditions and will be posted accordingly.

#### 5.0 Instructions

**5.1 PERFORM** a Formal Pre-Job Briefing with all personnel involved with the performance of tasks within this recovery plan.

Signature on file	(daily)
FLM Print / Signature	Date

**5.2** Ensure all prerequisites have been completed prior to starting Tasks.

## NOTE:

- 2404WB will remain under restricted access until cleared by the WRAP DOS.
- RADCON Void Limits are found in RWP-WP-574 Rev.4
- Decontamination to removable ALARA levels means: Decontamination efforts will be repeated unless it is not reasonable to continue. Due to the uncertainties of this plan, decontamination efforts cannot be precisely defined, however; this typically means until decontamination attempts result in a reduction of less than one half the previous attempt.

#### TASK 1 Characterization and Stabilization

- 5.3 Characterization Team of NCOs and RCTs PREPARE to enter 2404WB.
  - Set up appropriate step-off pads including CA & RBA.
  - Stage survey and sampling equipment for RADCON and IH.
  - Stage radiological posting materials.
- 5.4 ENSURE DOS places 2404WB into OPERATIONS MODE.
  - OBTAIN approval from DOS to allow entry into 2404WB.

# NOTE:

Visual inspections and Radiological surveys of suspect surfaces, materials and containers will be continuous; as needed to perform the disposition, decontamination and for all activities needed to place the contaminated area and containers in a safe configuration. Specific inspections and surveys are noted as work steps for reference, but additional inspections and surveys throughout the performance of this recovery plan are implied.

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#### 5.5 NCOs and RCTs ENTER 2404WB.

#### WARNING:

- IF radiological Void Limits are MET or EXCEEDED, THEN IMMEDIATELY EXIT.
- Ensure that chemical PPE is specific to the chemical being used and covers all potential areas
  of exposure. Silver Shield gloves to be worn over surgeons.
- 5.5.1 PERFORM the following actions prior to moving drums from Row 8.
  - RCTs start air sampling.
  - SURVEY/ SAMPLE travel path up to affected area.
  - Perform Pre-Use Inspection of Forklift; inform FLM of completion.
  - Visually INSPECT drum(s) for container integrity conditions. [SAC 5.6.4, AC 5.7.8 ACMP]
    - o REPORT container integrity conditions to Operations FLM via radio. If other container(s) is/are found breached, then STOP.
  - Visually INSPECT the floor, pallets and surrounding areas for abnormal conditions.
    - o REPORT any abnormal conditions to Operations FLM via radio.
  - TAKE contamination and pH SAMPLES of affected areas.
    - o REPORT contamination levels and pH levels to RADCON Supervision and Operations FLM via radio.
    - o If acidic, then neutralize spill area with baking soda.
  - Cover or fix areas of contamination ≥20,000,000 dpm/100cm<sup>2</sup> Alpha. (10 Rad/hr using a BWCP)
  - PERFORM setup (e.g., move pallets, layout tarp(s), etc.)

## WARNING:

Use special care when handling, moving or positioning leaking waste containers.

- 5.6 Relocate/Survey unaffected drums from Row 8 to designated staging location.
- 5.7 PERFORM characterization survey of accessible areas of the affected drum(s), pallet(s) and floor.
- 5.8 REPORT survey results to RADCON Supervisor and Operations FLM via radio.
- 5.9 LIFT affected pallet(s) to allow RCT to survey under the pallet(s).
- 5.10 MOVE affected pallet(s) to designated location.
- 5.11 Cover/Apply absorbent/neutralizing material to spill area.

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- 5.12 Un-band drums on affected pallet(s).
- 5.13 Visually INSPECT drum(s) for container integrity conditions. [SAC 5.6.4, AC 5.7.8 ACMP]
- 5.14 SURVEY the accessible areas of pallet containing drum 0062288.
- 5.15 REPORT survey results and inspections to RADCON Supervisor and Operations FLM via radio.
- 5.16 RELOCATE affected non-leaking drum(s) one-at-a-time within the work area using a parrot beak. [LL 2007-RL-HNF-0012]
- 5.17 PLACE leaking drum(s) into a reinforced plastic bag using drum mover or Caldwell lift attachment.
  - If using the Caldwell, then the leaking drum(s) may be over-packed per Step 5.29 and then return to Step 5.19.
- 5.18 PLACE bagged leaking drum(s) in catch pan on pallet with absorbent material around the base of the drum.
- 5.19 Wrap contaminated pallet(s) with plastic sheeting.

#### Caution:

Decontamination will be performed using damp materials (e.g., wet-wipe, damp cloths) or material designed for capturing dirt/dust (masslin). Decontamination will be performed by water dampened cloth and covered with plastic and tape. Use of aggressive methods such as sweeping, grinding, wire brushes or flapper wheels are not allowed.

Suspect breached drum may create >.2 DAC

- 5.20 DECONTAMINATE/COVER drum(s), floor, pallet(s) and other areas to removable ALARA levels, based on portable radiological instrumentation measurements.
- 5.21 PACKAGE waste per WRP1-OP-1709 for mixed waste or WRP1-OP-1708 for low level waste and the Waste Planning Checklist.
- 5.22 SURVEY the accessible areas of the affected floor, drum(s) and pallet(s).
- 5.23 Repeat steps 5.5.1 through 5.23, as applicable, until spill area(s), drum(s) and pallet(s) are characterized, stabilized and decontaminated.
- 5.24 SURVEY the accessible areas of the floor, drum(s) and pallet(s).
- 5.25 REPORT survey results to RADCON Supervisor and Operations FLM via radio.
- 5.26 Perform down post Radiological surveys of 2404WB.
- 5.27 Post radiological areas/equipment as determined by Radiological surveys.
- 5.28 Per the DOS, DOWN post 2404-WB for Radiological to normal and remove appropriate posting.

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## TASK 2 Overpack Affected Drums

- 5.29 IF drum overpack is to occur in 2404WB, then perform the following:
  - 5.29.1 PREPARE overpack drum.
  - 5.29.2 Stage drum(s) for overpack at designated location.

#### NOTE:

Sample Treatment Director will provide information regarding the addition of absorbent materials and/or neutralizing materials to the overpack drum during loading.

- 5.29.3 OVERPACK drum(s) per WRP1-OP-0503 Section 4.13. [LL 1998-RL-FDH-0004]
- 5.30 IF drum overpack is to occur in 2404-WC, then perform the following:
  - 5.30.1 TRANSFER drum(s) to 2404WC per WRP1-OP-0503.
  - 5.30.2 ENSURE a second NCO INSPECTS the load prior to transfer to 2404WC.
  - 5.30.3 ENSURE RCT performs survey prior to transfer to 2404WC.
  - 5.30.4 SURVEY drum(s) upon arrival at 2404WC.

## NOTE:

Sample Treatment Director will provide information regarding the addition of absorbent materials and/or neutralizing materials to the overpack drum during loading.

- 5.30.5 OVERPACK drum(s) per WRP1-OP-0503 Section 4.13. [LL 1998-RL-FDH-0004]
- 5.31 Perform Beryllium down post of 2404-WB as directed by IH.
- 5.32 DOS direct 2404WB to be down posted to normal and remove restricted access.
- 5.33 LOCATE and INSPECT Drum 0061308 as best as possible for signs of drum integrity concerns.
- 5.34 REPORT the drum location/inspection results to RADCON Supervisor and Operations FLM.
- 5.35 PERFORM housekeeping, store equipment and materials and handle packaged waste as directed.

#### 6.0 Closeout

Facility Manager Printed name / Signature Date	

# Appendix A - WRAP Beryllium Decontamination Plan

This Beryllium Decontamination Plan will be used to clean or decontaminate areas and equipment where beryllium contamination is confirmed or suspected.

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## 1.0 DECONTAMINATION OF ITEMS AND SURFACES

Cleaning of equipment and material will be conducted for the release of materials from a BCA. The cleaning methods are as follows: wiping with a damp cloth, wet wipe, or MSA Personal Safety Equipment Towelette, HEPA vacuuming, using tack cloth, or using other methods that will minimize the generation of airborne beryllium. (Other methods must be approved by an Industrial Hygienist.) Aggressive decontamination methods which may cause beryllium to aerosolize, such as scrubbing with a wire brush or using a spray applicator to apply water or cleaning agents, are **prohibited** when dealing with potential beryllium contamination. All cleaning material used to clean equipment and materials within a BCA must be bagged, labeled, and disposed of as beryllium-contaminated waste. (DOE-0342, 6.21)

## 1.1 Respirators

Respirators include but are not limited to:

## PAPRs and Hoods

- Face pieces
- PAPR Hoses/Hoods
- Belts
- Blower Motors
- Cartridge Assemblies (Respirator cartridges themselves cannot be decontaminated.)

#### NOTE:

- Bullard recommends that their respirators be wiped down with a wet wipe or damp cloth.
- MSA requires that their respirators be wiped down with an MSA Personal Safety Equipment Towelette.

## SCBA's and Face Pieces

- Respirator face piece
- Back pack apparatus
- Air Tank
- Hoses
- Straps
- Regulator
- 1.1.1 WIPE exterior of respirators and associated parts with damp cloths, wet wipes, or MSA Personal Safety Equipment Towelettes (per manufacturer's instructions), to remove dust/particulates before the cartridges are removed.
- 1.1.2 TAPE <u>OR</u> PLUG the cartridge openings and blower motor openings.
- 1.1.3 WIPE exterior of cartridges with damp cloths or wet wipes.
- 1.1.4 DISCARD used wet wipes, towelettes, or damp cloths, cartridges, and PAPR hoods as potential beryllium waste or mixed waste, as applicable.

Appendix A (Cont'd) - WRAP Beryllium Decontamination Plan

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# 1.2 IH Sample Pumps

- NOTE: The 37 mm Mixed Cellulose Ester (MEC) filter cassettes used for beryllium sampling are the first line filter and are effective at preventing beryllium contamination reaching the in-line filter used by RadCon to release samples.
  - 1.2.1 WIPE the exterior of IH sample pumps, associated Tygon tubing, and in-line filter with wet wipes or damp cloths.
  - 1.2.2 DISCARD used wet wipes or damp cloths as potential beryllium waste or mixed waste, as applicable.
- 1.3 Tools and Equipment

Tools and equipment may include but are not limited to:

- Power tools
- Hand tools
- Ladders
- Portable RadCon Equipment
- 1.3.1 WIPE the exterior of all tools and equipment used in the BCA with wet wipes or damp cloths.
- 1.3.2 DISCARD used wet wipes or damp cloths as potential beryllium waste or mixed waste, as applicable.
- 1.4 Potentially Internally Contaminated Items
  - IF any item used in the BCA has the potential to draw air through its internal workings AND it does not have a filter system or other apparatus to keep beryllium contamination from reaching internal surfaces
     AND the internal surfaces of the item cannot be sampled and determined free of beryllium or otherwise be cleared of beryllium contamination,
     THEN LABEL that item as potentially internally beryllium contaminated,
     (DOE-0342 Attachment 5-E)
     AND KEEP it segregated from non-beryllium contaminated equipment, as it may no longer be used outside of a BCA.
- 1.5 Release of Items for General Use
  - 1.5.1 <u>IF</u> the respirators (excluding cartridges), portable RadCon equipment, IH sample pumps, and other tools and equipment have been thoroughly wiped down, <u>AND</u> they are not labeled as potentially internally beryllium contaminated, <u>THEN</u> RELEASE them for general use in non-beryllium work.

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NOTE: A combination of HEPA vacuuming, wiping with a wet wipe or damp cloth, and using tack cloth may be most effective in situations where a large amount of dust and debris is present. For example: HEPA vacuuming the dust and debris would remove the majority of the potential contamination. This would make wiping with a wet wipe or damp cloth or using tack cloth more efficient. This practice would also decrease the potential for the spread of beryllium contamination.

#### 1.6 Decontamination of Areas

- 1.6.1 DECONTAMINATE areas and surfaces, such as floors, counters, and exteriors of non-portable equipment, by HEPA vacuuming, wiping with a wet wipe or damp cloth, and/or using tack cloth.
- 1.6.2 DISPOSE of any waste generated from decontamination activities as potential beryllium waste or mixed waste, as applicable.
- 1.7 Disposition of Protective Clothing
  - 1.7.1 VACCUM protective suits with a HEPA vacuum (recommended) ONLY if within the Process Area or room 113,

    OR WIPE DOWN (carefully) with a wet wipe or damp rag,
    OR USE tack cloth prior to removal.
  - 1.7.2 PLACE washable suits, gloves, and booties worn in BCA areas in a laundry bag.
  - 1.7.3 DISCARD disposable suits, gloves, and booties worn in BCA areas, as well as damp rags or tack cloths used to wipe down protective clothing, as potential beryllium waste or mixed waste, as applicable.

## 1.8 Beryllium Waste and Laundry Bags

NOTE: Per Sections 6.22 and 6.23 of DOE-0342, labels may be applied to waste containers as beryllium waste at the time that waste items are bagged or containerized. While in the BCA, it is acceptable to place beryllium waste in unlabeled waste containers. The waste items may be left unlabeled until industrial hygiene sample results are received to properly characterize the waste. Be aware, other labeling requirements such as Waste Management labeling requirements for Dangerous Waste may be required for some waste streams in the interim. If Items are already labeled, waste labels may be removed or changed to reflect the beryllium characterization. However, all beryllium waste must be properly labeled before it leaves the BCA.

- 1.8.1 LABEL potential beryllium waste, potential beryllium laundry, and beryllium-containing mixed waste with a Beryllium Waste Label. (DOE-0342, Attachment 5-D)
- 1.8.2 WIPE beryllium waste and laundry bags with wet wipes or damp cloths before removing them from the BCA.
- 1.8.3 IF waste/laundry bags will stay in the general work area,

  THEN WIPE beryllium waste bags with wet wipes or damp cloths before the BCA is down posted.

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- 1.8.4 NOTIFY laundry of beryllium-containing laundry to be picked up.
- 1.8.5 DISPOSE of beryllium-containing waste per DOE-0342.

# 2.0 DOWN-POST OF BCA

- 2.1 EVALUATE the BCA area per the limits set by DOE-0342.
- 2.2 (IH) IF IH sampling confirms that the BCA meets the decontamination criteria set forth by DOE-0342,
   THEN RELEASE AND DOWN POST the area from the BCA.
- 2.3 NOTIFY DOS of change in BCA status.

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USQ Determination #: WRP-11-037, Rev 0	
N/A N/A	N/A
Person applying CX (if CX is used)  Tim Factor / Tim Parties / Tim Parti	PER TELECON 4/7/11 5-31-11
Michael Frazier  Nuclear Safety (sign, print, date)  GLX-7	5/31/11
Shawn Mellgren  WRAP Radiological Control Manager (sign, print, date)	/11
Fimothy J. Fulton Recovery Plan author (sign, print, date)	5/24/11
L. Jay Bottenus  Ingineering manager (sign, print date)	5/31/11
Timothy J. Fulton Recovery Plan owner (sign, print, date)	5/26/11
Stu Mortensen TIM FULTON PER TELECO acility manager or WSD Technical Support Director (sign, print, date)	on 5/31/11 Tm Jel 5/31/

WRAP-RP-11-03

CHPRC WRAP FACILITY RECOVERY PLAN

Effective Date: (05/26/11)



5/31/11

**REVISION 4** 

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#### Purpose

This Recovery Plan provides instructions for a controlled entry into WRAP Building 2404WB to inspect, sample, survey and decontaminate, as necessary, TRU waste drums. Additional instructions are provided for performing follow-up inspections, surveys and decontamination within 2404WB; preparing drums for transfer to 2404WC; and overpacking affected drums into 85-gallon drums.

On April 26, 2011 at approximately 0840 hours, an NCO reported approximately 20ml of liquid found on the bottom rolled edge of drum 0062288. Liquid was also reported on the drum's wooden pallet and the adjacent floor next to the pallet. The drum is palletized on the bottom tier of row 8, three pallets deep from the front of the row. An initial radiological direct reading was off scale for alpha; and a smear was also off scale for alpha with no detectable beta/gamma. Building ventilation was off and remains off at this time.

Surveys of the exterior doors, thresholds and pathways found no contamination. 2404WB is currently in the Standby Mode and access is restricted and posted High Contamination Area (HCA), Airborne Radioactive Area (ARA) and Beryllium Controlled Area (BCA).

SWITS and DMS identify drum 0062288 as a repack of drum HEDL-63. The empty drum was received on July 16, 2009 and moved into the process area on February 7, 2011. It was repackaged on February 9, 2011. The contents of HEDL-63 were split into this drum and into sister drum 0061308. SWITS data describes all layers of confinement were reduced to zero, a sealed 50 gallon liquid liner cut up, and absorbent material found was acidic (PH <2) before adding 4.5lbs of baking soda to neutralize. Drum 0062288 remained in 2336W until it was assayed on March 14, 2011. Later that day it was moved to its current location in 2404WB row 08. Sister drum 0061308 resides in 2404WB in row 8 but the pallet tier and depth are not known.

At the conclusion of this recovery plan, drum 0062288, sister drum 0061308 and any other affected waste containers in 2404WB's will be addressed and placed into a safe/compliant condition (decontaminated and/or overpacked, as appropriate); equipment/building floor will also be surveyed and decontaminated to the extent possible and will be posted; and low-level waste will be packaged OR this recovery plan will be revised to further mitigate potentially hazardous conditions.

## 1.0 Related Documents

- 1.1. Radiological Work Permit (RWP) WP-574, WP-611
- 1.2. Beryllium Work Permit (BWP) PRC-WRAP-10-020, Rev\_0
- 1.3. Beryllium Hazard Assessment BWP-WRAP-4-28-2011, Rev 0
- 1.4. WMP-MD-10-004, Performing Beryllium Work within WFMP, Rev 0-2.
- 1.5. WRAP Management Directive WRAP-MD-10-002, Rev 0-1, Appendix A
- 1.6. SWITS data for container 0062288, 0061308 and others as needed.
- 1.7. WRP1-OP-0503, Move Containers Throughout WRAP Facility.
- 1.8. WRP1-OP-0526, Perform Decontamination outside of the WRAP Process Area.
- 1.9. WRP1-OP-1708, Packaging Low-Level Waste.
- 1.10. WRP1-OP-1709, Package Mixed Waste.
- 1.11. AJHA W1-1086
- 1.12. USO Screening WRP-11-037 Rev 0
- 1.13. AMW WP-11-010
- 1.14. CHPRC Radiological Hazard Screening Form WPSF-11-0131
- 1.15. WRP1-OP-1205 Grab Air Sampling
- 1.16. WRP1-OP-1230 Gross Alpha and Beta Field Counting
- 1.17. LL 2007-RL-HNF-0012 Leaking Drum Identified, Contained in Safe and Efficient Manner
- 1.18.LL 1998-RL-FDH-0004 Handling Drums Safely
- 1.19. Waste Planning Checklist

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#### 2.0 Prerequisites

- 2.1 OBTAIN and REVIEW SWITS data on Drums 0062288, 0061308 and other containers as needed to determine contents and related material hazards.
- 2.2 Hazard Review Board (HRB) review and approval of this recovery plan.
- 2.3 A FORMAL Pre-Job Briefing is required.
- 2.4 For reference use AJHA W1-1086 and use form A-6004-952 to record pre-job.
- 2.5 DAILY and PRE-USE INSPECTIONS of Forklift(s) and A-Frame must be completed prior to use.
- 2.6 Personnel performing this recovery plan are qualified in accordance with PRC-PRO-TQ-40164, Personnel Training and Qualification and PRC-PRO-TQ-40170, On-the-Job Training and Evaluation.
- 2.7 Personnel assigned must be Beryllium Workers.

## 3.0 Precautions, Limitations, Tools and Equipment

- 3.1. If during the performance of this recovery plan an unexpected result occurs and/or the conditions change beyond the boundaries of the related documents, all work shall be stopped, and workers will exit. The recovery team will reassemble and revise this recovery plan as required to address any new condition. Appropriate reviews and approvals, including HRB Review, will be required.
- 3.2. 2404WB building ventilation is not HEPA filtered; building ventilation must remain secured and roll up doors shall be closed until airborne radioactivity in the building is confirmed to be < 0.2 DAC.
- 3.3. Use all prescribed PPE as listed in the RWP and BWP.
  - 3.3.1 First entry minimum respiratory protection in ARA will be SCBA or Carry-In. supplied air systems.
  - 3.3.2 Follow on entries will be based on contamination levels and may use PAPR with Chemical/Particulate Combination Cartridges or Particulate Cartridges as directed by IH and RadCon.
- 3.4. Radiological Requirements
  - 3.4.1 Work will be controlled by RWP WP-574 and WP-611.
- 3.5. Industrial Safety Controls
  - 3.5.1 Industrial Hygiene will confirm established heat stress controls immediately prior to the start of work.
    - Buddy system
    - Provide water/fluids.
  - 3.5.2 Personal Protective Equipment
    - Leather work gloves or equivalent will be used when handling sharp instruments or moving waste containers. Leather work glove or equivalent should be worn on the top of clean uncontaminated Nitrile gloves. If outer work gloves become contaminated with corrosive material, change outer

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work gloves and the first layer of Nitrile gloves (the layer located just beneath the work gloves) with clean uncontaminated and Nitrile gloves and work gloves.

- When handling suspect contaminated material or cleaning up spills Chemical-resistant Nitrile/ latex gloves should be worn.
- 3.5.3 Radiological PPE will be controlled by RWP(s) WP-574 & WP-611
- 3.5.4 Ergonomic Controls
  - Participants should consider warming up and stretching out prior to activity.
  - Two-person lifting. If metal pallets must be moved, special instructions from IH will be required.
- 3.6. Radio contact to be maintained with Radcon Supervision and OPS FLM.
- 3.7. Should chemical products need to be added to the Waste Plan during the course of this work, notify IH representative(s) Jason Sweesy (509) 373-1304 and Waste Coordinator Markus McGrath (509) 372-1642 for evaluation.
- 3.8. IF conditions require exit from ARA (2 hour respiratory limit), RE-ENTRY is permitted to continue under this recovery plan.
- Beryllium decontamination of equipment and respiratory equipment will be performed per Appendix A – WRAP Beryllium Decontamination Plan.
- 3.10. Industrial Hygiene (IH) will identify and coordinate Beryllium Clearance Samples during the course of the recovery plan. IH will direct Beryllium down postings and boundaries during this recovery.
- 3.11. Tools and Equipment: (Key Items)
- Waste bag(s) (10mil)
- Survey instruments and materials RADCON.
- Survey instruments and materials IH.
- Tool Cart
- Duct tape / Patch materials (Glove Bag Material)
- Craft paper / plastic / Yellow tack sheeting
- Wet and dry Decon rags and/or wipes
- Miscellaneous hand tools, including reach tools
- Flashlight or portable lighting
- 85-Gallon Overpack Drums (2)
- Forklift (Electric Only inside 2404WB)
- Electric walk-behind drum mover
- A-frame hoist / jib crane
- Reinforced drum liner/bag for overpacking
- Radiological posting material (ARA,HCA,RA,RBA,RMA)
- Tarp (3)
- A-Frame Hoist and Attachments
- Fixative Solutions Soil Cement (#035321)
- Portable sprayer (Soil Cement)
- Chemical resistant gloves (Silver Shield)
- pH paper and chart
- Distilled water (250/500 mil bottle)
- Drip Pan (55-gal drum)
- Caldwell lift attachment for forklift

- Sling, 3-point drum
- Beryllium labels
- Tach cloth or Lint rollers (Beryllium decon)
- Baking Soda (4- 1lb boxes)
- Metal side cutters
- · Laundry rack
- Laundry bags (SWP)
- 55-gal Room Waste drum (Step-off pad)
- Step-off pad
- Stanchions
- · Rad Rope
- Tables (2)
- Chairs
- Brooms
- Hemostat 2- long & 2 short
- · Portable radios
- Extension Cord (2)
- Forklift Tine Sleeves
- Stanchions
- Water Resistant Suits
- Knee pads or Kneeling pads
- Beryllium posting material (BCF, BCA)

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#### NOTE:

<u>Current Condition</u>: 2404WB is in the Standby Mode with ventilation secured and access to the building restricted. The building is posted as an ARA, HCA and BCA.

Drum 0061308 and 0062288 were loaded out of the TRU Glovebox on 02/10/11. Both contain approximately the same waste constituents and were assayed on the same date of 03/14/11. They were respectively transferred to 2404WB Row 8 on 03/14/11 and 03/16/11.

<u>Desired Condition</u>: Drum 0062288, sister drum and any other affected waste containers in 2404WB will be addressed and placed into a safe/compliant condition (decontaminated and/or over-packed as necessary). Other contaminated drums, items or area within 2404WB will be decontaminated or covered to create stable radiological conditions and will be posted accordingly.

#### 5.0 Instructions

**5.1 PERFORM** a Formal Pre-Job Briefing with all personnel involved with the performance of tasks within this recovery plan.

FLM Print / Signature

Date

**5.2** Ensure all prerequisites have been completed prior to starting Tasks.

## NOTE:

- 2404WB will remain under restricted access until cleared by the WRAP DOS.
- RADCON Void Limits are found in RWP-WP-574& WP-611.
- Decontamination to removable ALARA levels means: Decontamination efforts will be repeated
  unless it is not reasonable to continue. Due to the uncertainties of this plan, decontamination
  efforts cannot be precisely defined, however; this typically means until decontamination attempts
  result in a reduction of less than one half the previous attempt.

## TASK 1 Characterization and Stabilization

- 5.3 Characterization Team of NCOs and RCTs PREPARE to enter 2404WB.
  - Set up appropriate step-off pads including CA & RBA.
  - Stage survey and sampling equipment for RADCON and IH.
  - Stage radiological posting materials.
- 5.4 ENSURE DOS places 2404WB into OPERATIONS MODE.
  - OBTAIN approval from DOS to allow entry into 2404WB.

#### NOTE:

Visual inspections and Radiological surveys of suspect surfaces, materials and containers will be continuous; as needed to perform the disposition, decontamination and for all activities needed to place the contaminated area and containers in a safe configuration. Specific inspections and surveys are noted as work steps for reference, but additional inspections and surveys throughout the performance of this recovery plan are implied.

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#### 5.5 NCOs and RCTs ENTER 2404WB.

## WARNING:

- IF radiological Void Limits are MET or EXCEEDED, THEN IMMEDIATELY EXIT.
- Ensure that chemical PPE is specific to the chemical being used and covers all potential areas of exposure. Silver Shield gloves to be worn over surgeons.
- 5.5.1 PERFORM the following actions prior to moving drums from Row 8.
  - RCTs start air sampling.
  - SURVEY/ SAMPLE travel path up to affected area.
  - Perform Pre-Use Inspection of Forklift; inform FLM of completion.
  - Visually INSPECT drum(s) for container integrity conditions. [SAC 5.6.4, AC 5.7.8 ACMP]
    - REPORT container integrity conditions to Operations FLM via radio. If other container(s) is/are found breached, then STOP.
  - Visually INSPECT the floor, pallets and surrounding areas for abnormal conditions.
    - o REPORT any abnormal conditions to Operations FLM via radio.
  - TAKE contamination and pH SAMPLES of affected areas.
    - o REPORT contamination levels and pH levels to RADCON Supervision and Operations FLM via radio.
    - o If acidic, then neutralize spill area with baking soda.
  - Cover or fix areas of contamination ≥20,000,000 dpm/100cm<sup>2</sup> Alpha. (10 Rad/hr using a BWCP)
  - PERFORM setup (e.g., move pallets, layout tarp(s), etc.)

## **WARNING:**

Use special care when handling, moving or positioning leaking waste containers.

- 5.6 Relocate/Survey unaffected drums from Row 8 to designated staging location.
- 5.7 PERFORM characterization survey of accessible areas of the affected drum(s), pallet(s) and floor.
- 5.8 REPORT survey results to RADCON Supervisor and Operations FLM via radio.
- 5.9 LIFT affected pallet(s) to allow RCT to survey under the pallet(s).
- 5.10 MOVE affected pallet(s) to designated location.

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- 5.11 Cover/Apply absorbent/neutralizing material to spill area.
- 5.12 Un-band drums on affected pallet(s).
- 5.13 Visually INSPECT drum(s) for container integrity conditions. [SAC 5.6.4, AC 5.7.8 ACMP]
- 5.14 SURVEY the accessible areas of pallet containing drum 0062288.
- 5.15 REPORT survey results and inspections to RADCON Supervisor and Operations FLM via radio.
- 5.16 RELOCATE affected non-leaking drum(s) one-at-a-time within the work area using a parrot beak. [LL 2007-RL-HNF-0012]
- 5.17 PLACE leaking drum(s) into a reinforced plastic bag using drum mover or Caldwell lift attachment.
  - If using the Caldwell, then the leaking drum(s) may be over-packed per Step 5.29 and then return to Step 5.19.
- 5.18 PLACE bagged leaking drum(s) in catch pan on pallet with absorbent material around the base of the drum.
- 5.19 Wrap contaminated pallet(s) with plastic sheeting.

## Caution:

Decontamination will be performed using damp materials (e.g., wet-wipe, damp cloths) or material designed for capturing dirt/dust (masslin). Decontamination will be performed by water dampened cloth and covered with plastic and tape. Use of aggressive methods such as sweeping, grinding, wire brushes or flapper wheels are not allowed.

Suspect breached drum may create >.2 DAC

- 5.20 DECONTAMINATE/COVER drum(s), floor, pallet(s) and other areas to removable ALARA levels, based on portable radiological instrumentation measurements.
- 5.21 PACKAGE waste per WRP1-OP-1709 for mixed waste or WRP1-OP-1708 for low level waste and the Waste Planning Checklist.
- 5.22 SURVEY the accessible areas of the affected floor, drum(s) and pallet(s).
- 5.23 Repeat steps 5.5.1 through 5.23, as applicable, until spill area(s), drum(s) and pallet(s) are characterized and stabilized.
- 5.24 SURVEY floor, drum(s) and pallet(s) as designated by FLM.
- 5.25 Decontaminate surfaces found to be contaminated.
- 5.26 PACKAGE waste per WRP1-OP-1709 for mixed waste or WRP1-OP-1708 for low level waste and the Waste Planning Checklist.
- 5.27 SURVEY and REPORT results to RADCON Supervisor and Operations FLM.
- 5.28 Post radiological areas/equipment as determined by Radiological surveys.

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# TASK 2 Overpack Affected Drums

- 5.29 IF drum overpack is to occur in 2404WB, then perform the following:
  - 5.29.1 PREPARE overpack drum.
  - 5.29.2 Stage drum(s) for overpack at designated location.

#### NOTE:

Sample Treatment Director will provide information regarding the addition of absorbent materials and/or neutralizing materials to the overpack drum during loading.

- 5.29.3 OVERPACK drum(s) per WRP1-OP-0503 Section 4.13. [LL 1998-RL-FDH-0004]
- 5.30 IF drum overpack is to occur in 2404-WC, then perform the following:
  - 5.30.1 TRANSFER drum(s) to 2404WC per WRP1-OP-0503.
  - 5.30.2 ENSURE a second NCO INSPECTS the load prior to transfer to 2404WC.
  - 5.30.3 ENSURE RCT performs survey prior to transfer to 2404WC.
  - 5.30.4 SURVEY drum(s) upon arrival at 2404WC.

# NOTE:

Sample Treatment Director will provide information regarding the addition of absorbent materials and/or neutralizing materials to the overpack drum during loading.

- 5.30.5 OVERPACK drum(s) per WRP1-OP-0503 Section 4.13. [LL 1998-RL-FDH-0004]
- 5.31 Repeat steps 5.24 through 5.31, as applicable, until designated areas, drum(s), pallet(s) and equipment are characterized, stabilized and decontaminated.
- 5.32 PERFORM housekeeping, store equipment and materials and handle packaged waste as directed.

## 6.0 Closeout

6.1	When complete, obtain approval of Facility Manager for completed actions.			
	Facility Manager	Printed name / Signature	Date	

## Appendix A - WRAP Beryllium Decontamination Plan

This Beryllium Decontamination Plan will be used to clean or decontaminate areas and equipment where beryllium contamination is confirmed or suspected.

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#### 1.0 DECONTAMINATION OF ITEMS AND SURFACES

Cleaning of equipment and material will be conducted for the release of materials from a BCA. The cleaning methods are as follows: wiping with a damp cloth, wet wipe, or MSA Personal Safety Equipment Towelette, HEPA vacuuming, using tack cloth, or using other methods that will minimize the generation of airborne beryllium. (Other methods must be approved by an Industrial Hygienist.) Aggressive decontamination methods which may cause beryllium to aerosolize, such as scrubbing with a wire brush or using a spray applicator to apply water or cleaning agents, are **prohibited** when dealing with potential beryllium contamination. All cleaning material used to clean equipment and materials within a BCA must be bagged, labeled, and disposed of as beryllium-contaminated waste. (DOE-0342, 6.21)

## 1.1 Respirators

Respirators include but are not limited to:

PAPRs and Hoods

- Face pieces
- PAPR Hoses/Hoods
- Belts
- Blower Motors
- Cartridge Assemblies (Respirator cartridges themselves cannot be decontaminated.)

#### NOTE:

- Bullard recommends that their respirators be wiped down with a wet wipe or damp cloth.
- MSA requires that their respirators be wiped down with an MSA Personal Safety Equipment Towelette.

## SCBA's and Face Pieces

- Respirator face piece
- Back pack apparatus
- Air Tank
- Hoses
- Straps
- Regulator
- 1.1.1 WIPE exterior of respirators and associated parts with damp cloths, wet wipes, or MSA Personal Safety Equipment Towelettes (per manufacturer's instructions), to remove dust/particulates before the cartridges are removed.
- 1.1.2 TAPE <u>OR</u> PLUG the cartridge openings and blower motor openings.
- 1.1.3 WIPE exterior of cartridges with damp cloths or wet wipes.
- 1.1.4 DISCARD used wet wipes, towelettes, or damp cloths, cartridges, and PAPR hoods as potential beryllium waste or mixed waste, as applicable.

Appendix A (Cont'd) - WRAP Beryllium Decontamination Plan

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# 1.2 IH Sample Pumps

**NOTE:** The 37 mm Mixed Cellulose Ester (MEC) filter cassettes used for beryllium sampling are the first line filter and are effective at preventing beryllium contamination reaching the in-line filter used by RadCon to release samples.

- 1.2.1 WIPE the exterior of IH sample pumps, associated Tygon tubing, and in-line filter with wet wipes or damp cloths.
- 1.2.2 DISCARD used wet wipes or damp cloths as potential beryllium waste or mixed waste, as applicable.
- 1.3 Tools and Equipment

Tools and equipment may include but are not limited to:

- Power tools
- Hand tools
- Ladders
- Portable RadCon Equipment
- 1.3.1 WIPE the exterior of all tools and equipment used in the BCA with wet wipes or damp cloths.
- 1.3.2 DISCARD used wet wipes or damp cloths as potential beryllium waste or mixed waste, as applicable.
- 1.4 Potentially Internally Contaminated Items
  - 1.4.1 <u>IF</u> any item used in the BCA has the potential to draw air through its internal workings <u>AND</u> it does **not** have a filter system or other apparatus to keep beryllium contamination from reaching internal surfaces

<u>AND</u> the internal surfaces of the item **cannot** be sampled and determined free of beryllium or otherwise be cleared of beryllium contamination,

THEN LABEL that item as potentially internally beryllium contaminated,

(DOE-0342 Attachment 5-E)

<u>AND</u> KEEP it segregated from non-beryllium contaminated equipment, as it may no longer be used outside of a BCA.

### 1.5 Release of Items for General Use

1.5.1 <u>IF</u> the respirators (excluding cartridges), portable RadCon equipment, IH sample pumps, and other tools and equipment have been thoroughly wiped down,

<u>AND</u> they are not labeled as potentially internally beryllium contaminated,

<u>THEN</u> RELEASE them for general use in non-beryllium work.

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NOTE: A combination of HEPA vacuuming, wiping with a wet wipe or damp cloth, and using tack cloth may be most effective in situations where a large amount of dust and debris is present. For example: HEPA vacuuming the dust and debris would remove the majority of the potential contamination. This would make wiping with a wet wipe or damp cloth or using tack cloth more efficient. This practice would also decrease the potential for the spread of beryllium contamination.

#### 1.6 Decontamination of Areas

- 1.6.1 DECONTAMINATE areas and surfaces, such as floors, counters, and exteriors of non-portable equipment, by HEPA vacuuming, wiping with a wet wipe or damp cloth, and/or using tack cloth.
- 1.6.2 DISPOSE of any waste generated from decontamination activities as potential beryllium waste or mixed waste, as applicable.
- 1.7 Disposition of Protective Clothing
  - 1.7.1 VACCUM protective suits with a HEPA vacuum (recommended) ONLY if within the Process Area or room 113,
     OR WIPE DOWN (carefully) with a wet wipe or damp rag,
     OR USE tack cloth prior to removal.
  - 1.7.2 PLACE washable suits, gloves, and booties worn in BCA areas in a laundry bag.
  - 1.7.3 DISCARD disposable suits, gloves, and booties worn in BCA areas, as well as damp rags or tack cloths used to wipe down protective clothing, as potential beryllium waste or mixed waste, as applicable.

# 1.8 Beryllium Waste and Laundry Bags

NOTE: Per Sections 6.22 and 6.23 of DOE-0342, labels may be applied to waste containers as beryllium waste at the time that waste items are bagged or containerized. While in the BCA, it is acceptable to place beryllium waste in unlabeled waste containers. The waste items may be left unlabeled until industrial hygiene sample results are received to properly characterize the waste. Be aware, other labeling requirements such as Waste Management labeling requirements for Dangerous Waste may be required for some waste streams in the interim. If Items are already labeled, waste labels may be removed or changed to reflect the beryllium characterization. However, all beryllium waste must be properly labeled before it leaves the BCA.

- 1.8.1 LABEL potential beryllium waste, potential beryllium laundry, and beryllium-containing mixed waste with a Beryllium Waste Label. (DOE-0342, Attachment 5-D)
- 1.8.2 WIPE beryllium waste and laundry bags with wet wipes or damp cloths before removing them from the BCA.
- 1.8.3 IF waste/laundry bags will stay in the general work area,

  THEN WIPE beryllium waste bags with wet wipes or damp cloths before the BCA is down posted.

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- 1.8.4 NOTIFY laundry of beryllium-containing laundry to be picked up.
- 1.8.5 DISPOSE of beryllium-containing waste per DOE-0342.

# 2.0 DOWN-POST OF BCA

- 2.1 EVALUATE the BCA area per the limits set by DOE-0342.
- (IH) IF IH sampling confirms that the BCA meets the decontamination criteria set forth by DOE-0342,
   THEN RELEASE AND DOWN POST the area from the BCA.
- 2.3 NOTIFY DOS of change in BCA status.

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USQ Determination #: WRP-11-037, Rev 0	
N/A N/A	· N/A
Person applying CX (if CX is used)	1021
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Jason Sweesy PER TELECON, TIM FULTON/TIM	July 6-7-11
WRAP Industrial Safety Representative (sign, print, date)	720- 0 1 11
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JAY BOTTENOUS CICX-2	Λ
Michael Frazier PER TELECON, Tim Firton / Tom	July 6-7-11
Nuclear Safety (sign, print, date)	
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Shawn Meligren PER TELECON, TIM FULTON/TIM	7-la 6-7-11
WRAP Radiological Control Manager (sign, print, date)	
With Radiological Control Wanager (sign, print, date)	
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	6-7-11
Timothy J. Fulton	0-7-11
Recovery Plan author (sign, print, date)	
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R. Jay Bottenus PER TELE CON. Tim Factor /T-	6-7-11
Engineering manager (sign, print, date)	
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Timothy J. Fulton	6-7-11
Recovery Plan owner (sign, print, date)	
1000 toly 1 lail owner (sign, print, date)	
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A. Stu Mortensen PEN TELECON. Tim Fulton To. Facility manager or WSD Technical Support Director (sign, print, date)	m/ fale 6-7-11
Facility manager or WSD Technical Support Director (sign, print, date)	

WRAP-RP-11-03

Effective Date: (06/08/11)



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### Purpose

This Recovery Plan provides instructions for a controlled entry into WRAP Building 2404WB to inspect, sample, survey and decontaminate, as necessary, TRU waste drums. Additional instructions are provided for performing follow-up inspections, surveys and decontamination within 2404WB; preparing drums for transfer to 2404WC; and overpacking affected drums into 85-gallon drums.

On April 26, 2011 at approximately 0840 hours, an NCO reported approximately 20ml of liquid found on the bottom rolled edge of drum 0062288. Liquid was also reported on the drum's wooden pallet and the adjacent floor next to the pallet. The drum is palletized on the bottom tier of row 8, three pallets deep from the front of the row. An initial radiological direct reading was off scale for alpha; and a smear was also off scale for alpha with no detectable beta/gamma. Building ventilation was off and remains off at this time.

Surveys of the exterior doors, thresholds and pathways found no contamination. 2404WB is currently in the Standby Mode and access is restricted and posted High Contamination Area (HCA), Airborne Radioactive Area (ARA) and Beryllium Controlled Area (BCA).

SWITS and DMS identify drum 0062288 as a repack of drum HEDL-63. The empty drum was received on July 16, 2009 and moved into the process area on February 7, 2011. It was repackaged on February 9, 2011. The contents of HEDL-63 were split into this drum and into sister drum 0061308. SWITS data describes all layers of confinement were reduced to zero, a sealed 50 gallon liquid liner cut up, and absorbent material found was acidic (PH <2) before adding 4.5lbs of baking soda to neutralize. Drum 0062288 remained in 2336W until it was assayed on March 14, 2011. Later that day it was moved to its current location in 2404WB row 08. Sister drum 0061308 resides in 2404WB in row 8 but the pallet tier and depth are not known.

At the conclusion of this recovery plan, drum 0062288, sister drum 0061308 and any other affected waste containers in 2404WB's will be addressed and placed into a safe/compliant condition (decontaminated and/or overpacked, as appropriate); equipment/building floor will also be surveyed and decontaminated to the extent possible and will be posted; and low-level waste will be packaged OR this recovery plan will be revised to further mitigate potentially hazardous conditions.

# 1.0 Related Documents

- 1.1. Radiological Work Permit (RWP) WP-574, WP-611
- 1.2. Beryllium Work Permit (BWP) PRC-WRAP-10-020
- 1.3. Beryllium Hazard Assessment BWP-WRAP-4-28-2011
- 1.4. WMP-MD-10-004, Performing Beryllium Work within WFMP
- 1.5. WRAP Management Directive WRAP-MD-10-002, Appendix A
- 1.6. SWITS data for container 0062288, 0061308 and others as needed.
- 1.7. WRP1-OP-0503, Move Containers Throughout WRAP Facility.
- 1.8. WRP1-OP-0526, Perform Decontamination outside of the WRAP Process Area.
- 1.9. WRP1-OP-1708, Packaging Low-Level Waste.
- 1.10. WRP1-OP-1709, Package Mixed Waste.
- 1.11. AJHA W1-1086
- 1.12. USQ Screening WRP-11-037
- 1.13. AMW WP-11-010
- 1.14. CHPRC Radiological Hazard Screening Form WPSF-11-0131
- 1.15. WRP1-OP-1205 Grab Air Sampling
- 1.16. WRP1-OP-1230 Gross Alpha and Beta Field Counting
- 1.17.LL 2007-RL-HNF-0012 Leaking Drum Identified, Contained in Safe and Efficient Manner
- 1.18. LL 1998-RL-FDH-0004 Handling Drums Safely
- 1.19. Waste Planning Checklist

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### 2.0 Prerequisites

- 2.1 OBTAIN and REVIEW SWITS data on Drums 0062288, 0061308 and other containers as needed to determine contents and related material hazards.
- 2.2 Hazard Review Board (HRB) review and approval of this recovery plan.
- 2.3 A FORMAL Pre-Job Briefing is required.
- 2.4 For reference use AJHA W1-1086 and use form A-6004-952 to record pre-job.
- 2.5 DAILY and PRE-USE INSPECTIONS of Forklift(s) and A-Frame must be completed prior to use.
- 2.6 Personnel performing this recovery plan are qualified in accordance with PRC-PRO-TQ-40164, Personnel Training and Qualification and PRC-PRO-TQ-40170, On-the-Job Training and Evaluation.
- 2.7 Personnel assigned must be Beryllium Workers.

## 3.0 Precautions, Limitations, Tools and Equipment

- 3.1. If during the performance of this recovery plan an unexpected result occurs and/or the conditions change beyond the boundaries of the related documents, all work shall be stopped, and workers will exit. The recovery team will reassemble and revise this recovery plan as required to address any new condition. Appropriate reviews and approvals, including HRB Review, will be required.
- 3.2. 2404WB building ventilation is not HEPA filtered; building ventilation must remain secured and roll up doors shall be closed until airborne radioactivity in the building is confirmed to be < 0.2 DAC.
- 3.3. Use all prescribed PPE as listed in the RWP and BWP.
  - 3.3.1 First entry minimum respiratory protection in ARA will be SCBA or Carry-In. supplied air systems.
  - 3.3.2 Follow on entries will be based on contamination levels and may use PAPR with Chemical/Particulate Combination Cartridges or Particulate Cartridges as directed by IH and RadCon.
- 3.4. Radiological Requirements
  - 3.4.1 Work will be controlled by RWP WP-574 and WP-611.
- 3.5. Industrial Safety Controls
  - 3.5.1 Industrial Hygiene will confirm established heat stress controls immediately prior to the start of work.
    - Buddy system
    - Provide water/fluids.
  - 3.5.2 Personal Protective Equipment
    - Leather work gloves or equivalent will be used when handling sharp instruments or moving waste containers. Leather work glove or equivalent should be worn on the top of clean uncontaminated Nitrile gloves. If outer work gloves become contaminated with corrosive material, change outer

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work gloves and the first layer of Nitrile gloves (the layer located just beneath the work gloves) with clean uncontaminated and Nitrile gloves and work gloves.

- When handling suspect contaminated material or cleaning up spills Chemical-resistant Nitrile/ latex gloves should be worn.
- 3.5.3 Radiological PPE will be controlled by RWP(s) WP-574 & WP-611
- 3.5.4 Ergonomic Controls
  - Participants should consider warming up and stretching out prior to activity.
  - Two-person lifting. If metal pallets must be moved, special instructions from IH will be required.
- 3.6. Radio contact to be maintained with Radcon Supervision and OPS FLM.
- 3.7. Should chemical products need to be added to the Waste Plan during the course of this work, notify IH representative(s) Jason Sweesy (509) 373-1304 and Waste Coordinator Markus McGrath (509) 372-1642 for evaluation.
- 3.8. IF conditions require exit from ARA (2 hour respiratory limit), RE-ENTRY is permitted to continue under this recovery plan.
- 3.9. Beryllium decontamination of equipment and respiratory equipment will be performed per Appendix A WRAP Beryllium Decontamination Plan.
- 3.10. Industrial Hygiene (IH) will identify and coordinate Beryllium Clearance Samples during the course of the recovery plan. IH will direct Beryllium down postings and boundaries during this recovery.
- 3.11. Tools and Equipment: (Key Items)
- Waste bag(s) (10mil)
- Survey instruments and materials RADCON.
- Survey instruments and materials IH.
- Tool Cart
- Duct tape / Patch materials (Glove Bag Material)
- Craft paper / plastic / Yellow tack sheeting
- Wet and dry Decon rags and/or wipes
- Miscellaneous hand tools, including reach tools
- Flashlight or portable lighting
- 85-Gallon Overpack Drums (2)
- Forklift (Electric Only inside 2404WB)
- Electric walk-behind drum mover
- A-frame hoist / jib crane
- Reinforced drum liner/bag for overpacking
- Radiological posting material (ARA,HCA,RA,RBA,RMA)
- Tarp (3)
- A-Frame Hoist and Attachments
- Fixative Solutions Soil Cement (#035321)
- Portable sprayer (Soil Cement)
- Chemical resistant gloves (Silver Shield)
- pH paper and chart
- Distilled water (250/500 mil bottle)
- Drip Pan (55-gal drum)
- Caldwell lift attachment for forklift

- Sling, 3-point drum
- Beryllium labels
- Tach cloth or Lint rollers (Beryllium decon)
- Baking Soda (4- 1lb boxes)
- Metal side cutters
- Laundry rack
- Laundry bags (SWP)
- 55-gal Room Waste drum (Step-off pad)
- Step-off pad
- Stanchions
- Rad Rope
- Tables (2)
- Chairs
- Brooms
- Hemostat 2- long & 2 short
- Portable radios
- Extension Cord (2)
- Forklift Tine Sleeves
- Stanchions
- Water Resistant Suits
- Knee pads or Kneeling pads
- Beryllium posting material (BCF, BCA)

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#### NOTE:

<u>Current Condition</u>: 2404WB is in the Standby Mode with ventilation secured and access to the building restricted. The building is posted as an ARA, HCA and BCA.

Drum 0061308 and 0062288 were loaded out of the TRU Glovebox on 02/10/11. Both contain approximately the same waste constituents and were assayed on the same date of 03/14/11. They were respectively transferred to 2404WB Row 8 on 03/14/11 and 03/16/11.

<u>Desired Condition</u>: Drum 0062288, sister drum and any other affected waste containers in 2404WB will be addressed and placed into a safe/compliant condition (decontaminated and/or over-packed as necessary). Other contaminated drums, items or area within 2404WB will be decontaminated or covered to create stable radiological conditions and will be posted accordingly.

#### 5.0 Instructions

5.1 **PERFORM** a Formal Pre-Job Briefing with all personnel involved with the performance of tasks within this recovery plan.

(see pre-job forms)
FLM Print / Signature

Date

5.2 Ensure all prerequisites have been completed prior to starting Tasks.

## NOTE:

- 2404WB will remain under restricted access until cleared by the WRAP DOS.
- RADCON Void Limits are found in RWP-WP-574& WP-611.
- Decontamination to removable ALARA levels means: Decontamination efforts will be repeated
  unless it is not reasonable to continue. Due to the uncertainties of this plan, decontamination
  efforts cannot be precisely defined, however; this typically means until decontamination attempts
  result in a reduction of less than one half the previous attempt.

# TASK 1 Characterization and Stabilization

- 5.3 Characterization Team of NCOs and RCTs PREPARE to enter 2404WB.
  - Set up appropriate step-off pads including CA & RBA.
  - Stage survey and sampling equipment for RADCON and IH.
  - Stage radiological posting materials.
- 5.4 ENSURE DOS places 2404WB into OPERATIONS MODE.
  - OBTAIN approval from DOS to allow entry into 2404WB.

## NOTE:

Visual inspections and Radiological surveys of suspect surfaces, materials and containers will be continuous; as needed to perform the disposition, decontamination and for all activities needed to place the contaminated area and containers in a safe configuration. Specific inspections and surveys are noted as work steps for reference, but additional inspections and surveys throughout the performance of this recovery plan are implied.

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# 5.5 NCOs and RCTs ENTER 2404WB.

#### WARNING:

- IF radiological Void Limits are MET or EXCEEDED, THEN IMMEDIATELY EXIT.
- Ensure that chemical PPE is specific to the chemical being used and covers all potential areas of exposure. Silver Shield gloves to be worn over surgeons.
- 5.5.1 PERFORM the following actions prior to moving drums from Row 8.
  - RCTs start air sampling.
  - SURVEY/ SAMPLE travel path up to affected area.
  - Perform Pre-Use Inspection of Forklift; inform FLM of completion.
  - Visually INSPECT drum(s) for container integrity conditions. [SAC 5.6.4, AC 5.7.8 ACMP]
    - REPORT container integrity conditions to Operations FLM via radio. If other container(s) is/are found breached, then STOP.
  - Visually INSPECT the floor, pallets and surrounding areas for abnormal conditions.
    - o REPORT any abnormal conditions to Operations FLM via radio.
  - TAKE contamination and pH SAMPLES of affected areas.
    - o REPORT contamination levels and pH levels to RADCON Supervision and Operations FLM via radio.
    - o If acidic, then neutralize spill area with baking soda.
  - Cover or fix areas of contamination ≥20,000,000 dpm/100cm<sup>2</sup> Alpha. (10 Rad/hr using a BWCP)
  - PERFORM setup (e.g., move pallets, layout tarp(s), etc.)

#### WARNING:

Use special care when handling, moving or positioning leaking waste containers.

- 5.6 Relocate/Survey unaffected drums from Row 8 to designated staging location.
- 5.7 PERFORM characterization survey of accessible areas of the affected drum(s), pallet(s) and floor.
- 5.8 REPORT survey results to RADCON Supervisor and Operations FLM via radio.
- 5.9 LIFT affected pallet(s) to allow RCT to survey under the pallet(s).
- 5.10 MOVE affected pallet(s) to designated location.

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- 5.11 Cover/Apply absorbent/neutralizing material to spill area.
- 5.12 Un-band drums on affected pallet(s).
- 5.13 Visually INSPECT drum(s) for container integrity conditions. [SAC 5.6.4, AC 5.7.8 ACMP]
- 5.14 SURVEY the accessible areas of pallet containing drum 0062288.
- 5.15 REPORT survey results and inspections to RADCON Supervisor and Operations FLM via radio.
- 5.16 RELOCATE affected non-leaking drum(s) one-at-a-time within the work area using a parrot beak. [LL 2007-RL-HNF-0012]
- 5.17 PLACE leaking drum(s) into a reinforced plastic bag using drum mover or Caldwell lift attachment.
  - If using the Caldwell, then the leaking drum(s) may be over-packed per Step 5.29 and then return to Step 5.19.
- 5.18 PLACE bagged leaking drum(s) in catch pan on pallet with absorbent material around the base of the drum.
- 5.19 Wrap contaminated pallet(s) with plastic sheeting.

# Caution:

Decontamination will be performed using damp materials (e.g., wet-wipe, damp cloths) or material designed for capturing dirt/dust (masslin). Decontamination will be performed by water dampened cloth and covered with plastic and tape. Use of aggressive methods such as sweeping, grinding, wire brushes or flapper wheels are not allowed.

Suspect breached drum may create >.2 DAC

- 5.20 DECONTAMINATE/COVER drum(s), floor, pallet(s) and other areas to removable ALARA levels, based on portable radiological instrumentation measurements.
- 5.21 PACKAGE waste per WRP1-OP-1709 for mixed waste or WRP1-OP-1708 for low level waste and the Waste Planning Checklist.
- 5.22 SURVEY the accessible areas of the affected floor, drum(s) and pallet(s).
- 5.23 Repeat steps 5.5.1 through 5.23, as applicable, until spill area(s), drum(s) and pallet(s) are characterized and stabilized.
- 5.24 SURVEY floor, drum(s) and pallet(s) as designated by FLM.
- 5.25 Decontaminate surfaces found to be contaminated.
- 5.26 PACKAGE waste per WRP1-OP-1709 for mixed waste or WRP1-OP-1708 for low level waste and the Waste Planning Checklist.
- 5.27 SURVEY and REPORT results to RADCON Supervisor and Operations FLM.
- 5.28 Post radiological areas/equipment as determined by Radiological surveys.

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## TASK 2 Overpack Affected Drums

- 5.29 IF drum overpack is to occur in 2404WB, then perform the following:
  - 5.29.1 PREPARE overpack drum.
  - 5.29.2 Stage drum(s) for overpack at designated location.

## NOTE:

Sample Treatment Director will provide information regarding the addition of absorbent materials and/or neutralizing materials to the overpack drum during loading.

- 5.29.3 OVERPACK drum(s) per WRP1-OP-0503 Section 4.13. [LL 1998-RL-FDH-0004]
- 5.30 IF drum overpack is to occur in 2404-WC, then perform the following:
  - 5.30.1 TRANSFER drum(s) to 2404WC per WRP1-OP-0503.
  - 5.30.2 ENSURE a second NCO INSPECTS the load prior to transfer to 2404WC.
  - 5.30.3 ENSURE RCT performs survey prior to transfer to 2404WC.
  - 5.30.4 SURVEY drum(s) upon arrival at 2404WC.

## NOTE:

Sample Treatment Director will provide information regarding the addition of absorbent materials and/or neutralizing materials to the overpack drum during loading.

- 5.30.5 OVERPACK drum(s) per WRP1-OP-0503 Section 4.13. [LL 1998-RL-FDH-0004]
- 5.31 Repeat steps 5.24 through 5.31, as applicable, until designated areas, drum(s), pallet(s) and equipment are characterized, stabilized and decontaminated.
- 5.32 PERFORM housekeeping, store equipment and materials and handle packaged waste as directed.

## 6.0 Closeout

6.1	When complete, obtain approval of Facility Manager for completed action				
	Facility Manager	Printed name / Signature	Date		

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This Beryllium Decontamination Plan will be used to clean or decontaminate areas and equipment where beryllium contamination is confirmed or suspected.

# 1.0 DECONTAMINATION OF ITEMS AND SURFACES

Cleaning of equipment and material will be conducted for the release of materials from a BCA. The cleaning methods are as follows: wiping with a damp cloth, wet wipe, or MSA Personal Safety Equipment Towelette, HEPA vacuuming, using tack cloth, or using other methods that will minimize the generation of airborne beryllium. (Other methods must be approved by an Industrial Hygienist.) Aggressive decontamination methods which may cause beryllium to aerosolize, such as scrubbing with a wire brush or using a spray applicator to apply water or cleaning agents, are **prohibited** when dealing with potential beryllium contamination. All cleaning material used to clean equipment and materials within a BCA must be bagged, labeled, and disposed of as beryllium-contaminated waste. (DOE-0342, 6.21)

# 1.1 Respirators

Respirators include but are not limited to:

PAPRs and Hoods

- Face pieces
- PAPR Hoses/Hoods
- Belts
- Blower Motors
- Cartridge Assemblies (Respirator cartridges themselves cannot be decontaminated.)

#### NOTE:

- Bullard recommends that their respirators be wiped down with a wet wipe or damp cloth.
- MSA requires that their respirators be wiped down with an MSA Personal Safety Equipment Towelette.

### SCBA's and Face Pieces

- Respirator face piece
- Back pack apparatus
- Air Tank
- Hoses
- Straps
- Regulator
- 1.1.1 WIPE exterior of respirators and associated parts with damp cloths, wet wipes, or MSA Personal Safety Equipment Towelettes (per manufacturer's instructions), to remove dust/particulates before the cartridges are removed.
- 1.1.2 TAPE OR PLUG the cartridge openings and blower motor openings.
- 1.1.3 WIPE exterior of cartridges with damp cloths or wet wipes.
- 1.1.4 DISCARD used wet wipes, towelettes, or damp cloths, cartridges, and PAPR hoods as potential beryllium waste or mixed waste, as applicable.

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# 1.2 IH Sample Pumps

NOTE: The 37 mm Mixed Cellulose Ester (MEC) filter cassettes used for beryllium sampling are the first line filter and are effective at preventing beryllium contamination reaching the in-line filter used by RadCon to release samples.

- 1.2.1 WIPE the exterior of IH sample pumps, associated Tygon tubing, and in-line filter with wet wipes or damp cloths.
- 1.2.2 DISCARD used wet wipes or damp cloths as potential beryllium waste or mixed waste, as applicable.
- 1.3 Tools and Equipment

Tools and equipment may include but are not limited to:

- Power tools
- Hand tools
- Ladders
- Portable RadCon Equipment
- 1.3.1 WIPE the exterior of all tools and equipment used in the BCA with wet wipes or damp cloths.
- 1.3.2 DISCARD used wet wipes or damp cloths as potential beryllium waste or mixed waste, as applicable.
- 1.4 Potentially Internally Contaminated Items
  - IF any item used in the BCA has the potential to draw air through its internal workings AND it does not have a filter system or other apparatus to keep beryllium contamination from reaching internal surfaces
     AND the internal surfaces of the item cannot be sampled and determined free of beryllium or otherwise be cleared of beryllium contamination,
     THEN LABEL that item as potentially internally beryllium contaminated, (DOE-0342 Attachment 5-E)
     AND KEEP it segregated from non-beryllium contaminated equipment, as it may no longer be used outside of a BCA.

#### 1.5 Release of Items for General Use

1.5.1 IF the respirators (excluding cartridges), portable RadCon equipment, IH sample pumps, and other tools and equipment have been thoroughly wiped down, AND they are not labeled as potentially internally beryllium contaminated, THEN RELEASE them for general use in non-beryllium work.

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NOTE: A combination of HEPA vacuuming, wiping with a wet wipe or damp cloth, and using tack cloth may be most effective in situations where a large amount of dust and debris is present. For example: HEPA vacuuming the dust and debris would remove the majority of the potential contamination. This would make wiping with a wet wipe or damp cloth or using tack cloth more efficient. This practice would also decrease the potential for the spread of beryllium contamination.

#### 1.6 Decontamination of Areas

- 1.6.1 DECONTAMINATE areas and surfaces, such as floors, counters, and exteriors of non-portable equipment, by HEPA vacuuming, wiping with a wet wipe or damp cloth, and/or using tack cloth.
- 1.6.2 DISPOSE of any waste generated from decontamination activities as potential beryllium waste or mixed waste, as applicable.
- 1.7 Disposition of Protective Clothing
  - VACCUM protective suits with a HEPA vacuum (recommended) ONLY if within the Process Area or room 113,
     OR WIPE DOWN (carefully) with a wet wipe or damp rag,
     OR USE tack cloth prior to removal.
  - 1.7.2 PLACE washable suits, gloves, and booties worn in BCA areas in a laundry bag.
  - 1.7.3 DISCARD disposable suits, gloves, and booties worn in BCA areas, as well as damp rags or tack cloths used to wipe down protective clothing, as potential beryllium waste or mixed waste, as applicable.
- 1.8 Beryllium Waste and Laundry Bags
- NOTE: Per Sections 6.22 and 6.23 of DOE-0342, labels may be applied to waste containers as beryllium waste at the time that waste items are bagged or containerized. While in the BCA, it is acceptable to place beryllium waste in unlabeled waste containers. The waste items may be left unlabeled until industrial hygiene sample results are received to properly characterize the waste. Be aware, other labeling requirements such as Waste Management labeling requirements for Dangerous Waste may be required for some waste streams in the interim. If Items are already labeled, waste labels may be removed or changed to reflect the beryllium characterization. However, all beryllium waste must be properly labeled before it leaves the BCA.
  - 1.8.1 LABEL potential beryllium waste, potential beryllium laundry, and beryllium-containing mixed waste with a Beryllium Waste Label. (DOE-0342, Attachment 5-D)
  - 1.8.2 WIPE beryllium waste and laundry bags with wet wipes or damp cloths before removing them from the BCA.
  - 1.8.3 IF waste/laundry bags will stay in the general work area, THEN WIPE beryllium waste bags with wet wipes or damp cloths before the BCA is down posted.

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- 1.8.4 NOTIFY laundry of beryllium-containing laundry to be picked up.
- 1.8.5 DISPOSE of beryllium-containing waste per DOE-0342.

# 2.0 DOWN-POST OF BCA

- 2.1 EVALUATE the BCA area per the limits set by DOE-0342.
- (IH) <u>IF</u> IH sampling confirms that the BCA meets the decontamination criteria set forth by DOE-0342,
   THEN RELEASE <u>AND</u> DOWN POST the area from the BCA.
- 2.3 NOTIFY DOS of change in BCA status.