Tentative Agreement on Hanford Federal Facility Agreement and Consent Order Change Forms Implementing Changes to Central Plateau Cleanup

March, 2010

CONTENTS

March, 2010

Tentative Agreement

Tri-Party Agreement change forms for Public Comment

Agreement in Principle (for information)

Tentative Agreement
on
Hanford Federal Facility Agreement and Consent Order Change Forms Implementing Changes to Central Plateau Cleanup

The U. S. Department of Energy Richland Operations Office (DOE), the State of Washington Department of Ecology (Ecology) and the U.S. Environmental Protection Agency (EPA), hereinafter referred to as the Parties, signed *Agreement in Principle, Negotiation of Hanford Federal Facility Agreement and Consent Order Revisions to Address CERCLA/RCRA Integration, Integration of Facility Disposition with Remediation of Geographically Associated Waste Sites, Central Plateau Cleanup Completion Strategies and Dispute Resolution Provisions* on February 4, 2009. In the Agreement-In-Principle (AIP), DOE agreed to develop a Central Plateau Cleanup Completion Strategy (Strategy) that covered the overall cleanup of the Central Plateau including non-tank farm waste site operable units, excess facilities and groundwater remediation. An additional AIP**,** *Negotiation of Hanford Federal Facility Agreement and Consent Order Revisions for Central Plateau Facility Disposition Activities,* was signed by the Parties in August 2008.

During the ensuing months, in accordance with the AIPs, the Parties conducted discussions aimed at negotiating changes to the *Hanford Federal Facility Agreement and Consent Order* (Tri-Party Agreement) that satisfy commitments in both AIPs and, as necessary, identifying parallel modifications to the Hanford Facility Resource Conservation and Recovery Act (RCRA) Permit. Tentative agreement has been reached and proposed change packages have been developed by the Parties. The attached Tri-Party Agreement Change Forms have been mutually agreed upon subject to public comment. The M-37-10-01Change Form has been tentatively agreed to by DOE and Ecology, as the lead regulatory agency. Therefore, EPA approval of the M-37-10-01 Change Form is not required.

The Parties have agreed to explore Tri-Party Agreement modifications to address environmental contamination in the soil underlying single shell tanks, in coordination with other deep vadose zone activities. The Parties have signed the attached AIP to initiate negotiations when the Consent Decree in *Washington v. Chu, Case No. 08-5085-FVS* is entered into court. The AIP is included for public information only and not intended for public comment.

Concurrent with the discussions and negotiations on Central Plateau waste sites, excess facilities and groundwater remediation, the Parties have also conducted negotiations covering retrieval, storage and treatment/processing of Hanford Site "retrievably-stored" RCRA mixed and suspect mixed low-level waste as well as "retrievably-stored" RCRA mixed and suspect mixed transuranic waste. A separate Tentative Agreement and Tri-Party Agreement change package, also subject to public comment, identifies necessary preparations supporting the acquisition of new facilities, modification of existing and planned facilities, and milestones for retrieval of waste from trenches in the Central Plateau and shipment of waste to the Waste Isolation Pilot Plant.

Change forms implementing the agreements on Central Plateau cleanup are attached, including:

Modification	**Title**
M-15-09-02	Modify Tri-Party Agreement M-15 series milestones for Central Plateau waste sites and groundwater
M-16-09-03	Modify M-016-00 major milestone scope and establish additional M-016 series milestones to implement U Plant (221 U facility) remediation
M-37-10-01	Add Tri-Party Agreement Treatment, Storage, Disposal (TSD) Unit Closure Interim Milestones
M-85-10-01	Modify Tri-Party Agreement to add M-085 series milestones for Central Plateau facilities and associated waste sites
C-09-07	Revise Tri-Party Agreement Appendix C to align operable unit assignments with proposed Central Plateau decisions
P-00-09-02	Update Tri-Party Agreement Action Plan, Sections 7.0 and 8.0 to incorporate changes to the Central Plateau cleanup approach coordinating waste site and facility disposition
L-09-01	Implementation of the Corrective Action Decision / Record of Decision (CAD/ROD) document process in the Hanford Federal Facility Agreement and Consent Order
P-00-09-01	Implementation of the Corrective Action Decision / Record of Decision (CAD/ROD) document process in the Hanford Federal Facility Agreement and Consent Order Action Plan
P-07-09-02	Modification of Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Action Plan Section 7.3.8 to assign responsibility for initial preparation of Records of Decision to the U.S. Department of Energy
J-09-01	Establish Tri-Party Agreement Appendix J Listing of Central Plateau Facilities
A-10-01	Revise Appendix A Definition of "Facility".

DOE will also be submitting the following draft permit modification for public comment in accordance with WAC 173-303- 840 requirements.

Revision 8C	Modify Hanford Facility RCRA Permit Condition II.Y concerning corrective action to incorporate the CAD/ROD approach for certain past practice operable units

Tri-Party Agreement Interim Milestone M-015-40E, due on March 31, 2010, specifies "The Parties will complete negotiations and DOE will submit a change package for new interim milestones that set forth a schedule to complete the RI/FS process for 200-SC-1, 200-PW-2, 200-PW-4, 200-TW-1, 200-PW-5, 200-TW-2, 200-LW-1, 200-LW-2, and 200-BP-5 Operable Units. The Parties will also complete negotiations and DOE will submit a change package for the M-015-00 and M-015-00C milestones". Completion of the negotiations on the above listed implementing change forms meets this milestone for DOE to submit appropriate schedules.

At this point, the initial Tri-Party Agreement Change Request Decision Process public involvement activities described in the Community Relations Plan have been completed. Briefings to the Tribal Nations have been conducted. Additionally, the Parties have sought and received stakeholder input and values on strategies for cleaning up the Central Plateau in briefings to the State of Oregon, the Hanford Advisory Board, and other stakeholders. The input and values have been considered as part of this Tentative Agreement.

The Parties will submit the proposed change packages for a 45-day public comment period on a date to be determined. Following conclusion of the public comment period, the change forms will be revised, as appropriate, following consideration of public comments received, signed by the Parties, and incorporated into the Tri-Party Agreement.

Unresolved changes resulting from public comments will be subject to Tri-Party Agreement dispute resolution beginning at the Interagency Management Integration Team level as provided for in Article VIII and/or XVI of the Tri-Party Agreement.

This Tentative Agreement is to take effect upon the signature of the Parties.

Tentative Agreement
on
Hanford Federal Facility Agreement and Consent Order Change Forms Implementing Changes to Central Plateau Cleanup

Approvals: Page 4 of 7

David A. Brockman, Manager
U.S. Department of Energy
Richland Operations Office

3/24/2010
Date

Tentative Agreement
on
Hanford Federal Facility Agreement and Consent Order Change Forms Implementing Changes to Central Plateau Cleanup

Approvals: Page 5 of 7

Shirley J. Olinger, Manager
U.S. Department of Energy
Office of River Protection

3/22/2010
Date

Tentative Agreement
on
Hanford Federal Facility Agreement and Consent Order Change Forms Implementing the Central Plateau Cleanup Completion Strategy

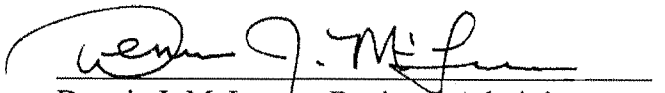
Approvals: Page 6 of 7

Ted Sturdevant, Director
State of Washington
Department of Ecology

3-26-2010
Date

Tentative Agreement
on
Hanford Federal Facility Agreement and Consent Order Change Forms Implementing the Central Plateau Cleanup Completion Strategy

Approvals: Page 7 of 7



3/29/10

Dennis J. McLerran, Regional Administrator — Date
U.S. Environmental Protection Agency
Region 10

Change Number	Federal Facility Agreement and Consent Order Change Control Form Do not use blue ink. Type or print using black ink.	Date
M-15-09-02		March 18, 2010

Originator Matthew S. McCormick

Phone (509) 373-9971

Class of Change

[X] I - Signatories [ ] II - Executive Manager [ ] III - Project Manager

Change Title

Modify Tri-Party Agreement M-15 series milestones for Central Plateau waste sites and groundwater.

Description/Justification of Change

In accordance with the February 2009 Agreement In Principle signed by the Tri-Parties, DOE developed a Central Plateau cleanup completion strategy for overall clean-up of the Central Plateau including non-tank farm waste site operable units, excess facilities and groundwater remediation. Following open discussion with Tribal Nations, the State of Oregon, the Hanford Advisory Board and other stakeholders, the Parties have proposed changes to the Tri-Party Agreement to implement the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and Resource Conservation and Recovery Act (RCRA).

The changes to the Tri-Party Agreement establish milestones and revise existing milestones for site investigation of the Central Plateau based on geographic based operable units.

Continued on page 2

Impact of Change

Approval of this change package impacts the existing milestones for completing the remedial investigation/feasibility study (RI/FS) (RCRA Facility Investigation/Corrective Measures Study [RFI/CMS]) process and for developing and submitting proposed plans on the Central Plateau. Documents that were required by milestones deleted in this change package will not be completed, including proposed plans for the 200-MW-1 and 200-UW-1 Operable Units, as well as a revised feasibility study and proposed plan for the BC Cribs and Trenches (200-BC-1). The remainder of the RI/FS (RFI/CMS) process for these OUs and other Central Plateau OUs will be addressed in the new geographic-based OUs described in accompanying change package C-09-07, including assignment of the 200-BC-1 waste sites to the new 200-WA-1 OU. Existing RI/FS work plans for the 200-IS-1 and 200-SW-2 OUs will be revised in accordance with the new milestones.

Affected Documents

The Hanford Federal Facility Agreement and Consent Order, as amended, and Hanford Site internal planning, management and budget documents (e.g., baseline control documents, related work authorization and directives). Specific affected work planning documents are described under *Impact of Change*. To maintain coordination between RCRA closure actions and CERCLA remedial actions, several milestones in this change package and in the M-37-10-01 change package coincide. In the event that changes are necessary to an affected milestone, both sets of milestones should be reviewed.

Approvals

_____ DOE-RL	_____ Date	___ Approved	___ Disapproved
_____ DOE – ORP	_____ Date	___ Approved	___ Disapproved
_____ EPA	_____ Date	___ Approved	___ Disapproved
_____ Ecology	_____ Date	___ Approved	___ Disapproved

Description/Justification of Change

Continued from page 1

As work planning proceeds, additional milestones will be incorporated in accordance with Section 11.6 of the Tri-Party Agreement. Approval of this change package will result in the following changes to Appendix D of the Action Plan:

- Major milestone, M-015-00 is revised to exclude past practice waste sites associated with B Plant, PUREX, and REDOX canyons from the scope of the milestone. These sites are now covered in the newly created M-085 milestone series.
- The language deleted from the major milestone M-015-00 is deleted because the accompanying change package P-00-09-01 now provides for addressing past practice units designated as R-CPP units using both CERCLA and RCRA corrective action authority.
- Major milestone M-015-00C is now redundant with M-015-00 and is deleted. The completion date of major milestone M-015-00 coincides with the latest interim milestone in the M-015 series.
- Milestones for completion of the remedial investigation/feasibility study process for the geographically-based operable units are added to replace the previous process-based operable unit milestones.
- Milestone M-015-110A related to the RCRA Facility Investigation/Corrective Measures Study (RFI/CMS) & Remedial Investigation/Feasibility Study (RI/FS) work plan for deep vadose zone specifically emphasizes the need for additional technology screening; technology screening is a necessary initial step in developing feasible alternatives that can be evaluated as part of the remedy selection process.
- Groundwater operable unit milestones are revised to incorporate changes agreed to by the parties.

The milestone changes described below have been developed in conjunction with Tri-Party Agreement change packages M-16-09-03 (waste site remediation), M-37-10-01 (Treatment Storage and Disposal unit closure), M-85-10-01 (canyons, associated waste sites, and other excess facilities), C-09-07 (operable unit assignments), J-09-01 (Central Plateau facilities), P-07-09-02 (Record of Decision [ROD] preparation), and L-09-01/P-00-09-01 (CAD/ROD implementation).

Changes to milestones are displayed by Double Underline to indicate addition of text and by ~~Strikeout~~ to indicate deletion of text.

Number	**Milestone**	**Due Date**
M-015-00	Complete the RI/FS (or RFI/CMS and RI/FS) process for all non-tank farm operable units except for canyon/associated past practice waste site OUs covered in M-85-00. ~~In instances where RCRA authority requires investigation of past practice units, Ecology agrees, pursuant to Ecology's Dangerous Waste Regulations, that DOE may satisfy the requirements for an RFI/CMS report by submitting an RI/FS report.~~ A day for day slip in submitting the feasibility study report and proposed plan milestone will be given for each day the RI/FS work plan is not approved following six months after submittal.	~~TBD~~ 12/31/2016
~~M-015-00C~~ ~~LEAD AGENCY:~~ ~~DUAL~~	~~Complete all 200 Area Non-Tank Farm operable unit site investigations under approved work plan schedules through submittal of feasibility study reports and a recommended remedy(ies). In instances where RCRA authority requires investigation of past practice units, Ecology agrees, pursuant to Ecology's Dangerous Waste Regulations, that DOE may satisfy the requirements for an RFI/CMS report by submitting an RI/FS report. The recommended remedy(ies) will be sufficiently comprehensive to satisfy the technical requirements of RCRA, Hazardous Waste Management Act (HWMA), and CERCLA statutory authorities and respective regulations with respect to all hazardous substances, pursuant to the HFFACO Article IV Paragraph 17 and Action Plan Section 5.4.~~	~~TBD~~
M-015-90	Submit revised RCRA Facility Investigation/Corrective Measures Study (RFI/CMS) & Remedial Investigation/ Feasibility Study (RI/FS) work plan for 200-IS-1OU to Ecology.	06/30/2011
M-015-91A	Submit a Remedial Investigation/Feasibility Study work plan for the 200-WA-1 operable unit (200 West Inner Area) to EPA.	12/31/2011
M-015-91B	Submit Feasibility Study Report and Proposed Plan for the 200-WA-1 operable unit (200 West Inner Area) to EPA.	06/30/2013

Number	Milestone	Due Date
M-015-92A	Submit a RCRA Facility Investigation/Corrective Measures Study & Remedial Investigation/Feasibility Study work plan for the 200-EA-1 operable unit (200 East Inner Area) to Ecology.	12/31/2012
M-015-92B	Submit Corrective Measures Study & Feasibility Study Report(s) and Proposed Corrective Action Decision(s)/Proposed Plan(s) for the 200-EA-1 and 200-IS-1 OUs (Central Plateau 200 East Inner Area) to Ecology.	06/30/2014
M-015-93A	Submit revised RCRA Facility Investigation/Corrective Measures Study (RFI/CMS) & Remedial Investigation/ Feasibility Study (RI/FS) work plan for the 200-SW-2 OU to Ecology.	12/31/2011
M-015-93B	Submit RCRA Facility Investigation/Corrective Measures Study & Remedial Investigation/Feasibility Study Report and Proposed Corrective Action Decision/Proposed Plan for the 200-SW-2 OU to Ecology.	12/31/2016
M-015-110A	Submit RCRA Facility Investigation/Corrective Measures Study (RFI/CMS) & Remedial Investigation/Feasibility Study (RI/FS) work plan for the 200-DV-1 OU to Ecology. The work plan shall include technology screening that identifies technologies applicable for characterization, treatment, and monitoring of deep vadose zone contaminants.	09/30/2012
M-015-110B	Submit Corrective Measures Study & Feasibility Study Report and Proposed Plan/Proposed Corrective Action Decision for the 200-DV-1 OU to Ecology.	09/30/2015
M-015-110C	Submit uranium treatment technology treatability test plan as an element of the RCRA facility investigation and remedial investigation for the 200-DV-1 OU to Ecology.	12/31/2010
M-015-110D	Submit technetium-99 pilot scale treatability study test report as an element of remedial investigation for the 200-WA-1 OU to EPA.	6/30/2012

Number	Milestone	Due Date
M-015-38B	Submit a revised Feasibility Study Report and revised Proposed Plan(s) for the 200-CW-1, 200-CW-3, and 200-OA-1 Operable Units for Waste Sites in the Outer Area of the Central Plateau to EPA ~~Ecology~~. ~~This proposed plan may be used as a basis for a Record Of Decision for the Outer Central Plateau Area.~~	04/30/2012 ~~11/30/2010~~
M-015-17A	Submit a 200-UP-1 OU ~~Combined~~ Remedial Investigation and Feasibility Study Report ~~as well as a~~ and Proposed Plan to EPA ~~Ecology~~.	09/30/2010
M-015-21A	Submit a 200-BP-5 and 200-PO-1 OU Feasibility Study Report and Proposed Plan(s) to ~~EPA~~ Ecology.	12/31/2012
~~M-015-44C~~	~~Submit 200-MW-1 OU Proposed Plan to EPA.~~	~~02/28/2011~~
~~M-015-51~~	~~SUBMIT A REVISED FEASIBILITY STUDY REPORT AND PROPOSED PLAN FOR THE 200 BC CRIBS AND TRENCHES FOR THE NEW OU 200-BC-1 TO EPA, THAT WILL INCLUDE THE RESULTS OF THE TREATABILITY TESTS FOR 200 BC CRIBS AND TRENCHES.~~	~~09/30/2010~~
~~M-015-73~~	~~SUBMIT FEASIBILITY STUDY REPORT AND PROPOSED PLAN FOR THE 200-PO-1 OPERABLE UNIT.~~	~~12/31/2011~~
~~M-015-83~~	~~SUBMIT A PROPOSED PLAN FOR 200-UW-1~~	~~6/30/2010~~

Change Number	Federal Facility Agreement and Consent Order *Change Control Form* Do not use blue ink. Type or print using black ink.	Date
M-37-10-01		March 18, 2010

Originator: Matthew S. McCormick

Phone: (509) 373-9971

Class of Change

[ ] I – Signatories [X] II – Executive Manager [ ] III – Project Manager

Change Title

Add Tri-Party Agreement Treatment, Storage, Disposal (TSD) Unit Closure Interim Milestones

Description/Justification of Change

Approval of this change package adds new *Hanford Federal Facility Agreement and Consent Order* (Tri-Party Agreement) interim milestones. The milestones provide for development of revised closure plans and completion of closure requirements for a group of Central Plateau Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and Disposal (TSD) units. The interim milestones are being provided to support a coordinated cleanup of the Central Plateau.

Continued on page 2

Impact of Change

This change package creates the M-037 milestone series through approval of new interim milestones. This change was developed in conjunction with Change Packages M-015-09-02 (site investigation milestones) and M-016-09-03 (response action milestones).

Affected Documents

The *Hanford Federal Facility Agreement and Consent Order*, as amended and Hanford Site internal planning, management and budget documents (e.g., baseline control documents, related work authorization and directives). Specific documents affected include the TSD closure plans previously submitted for the Hexone Storage and Treatment Facility, 207-A South Retention Basin, 216-A-29 Ditch, 216-A-36B Crib, 216-A-37-1 Crib, 216-B-63 Trench, and 216-B-3 Main Pond.

Approvals

_____ DOE	_____ Date	___ Approved	___ Disapproved
N/A EPA	_____ Date	___ Approved	___ Disapproved
_____ Ecology	_____ Date	___ Approved	___ Disapproved

Description/Justification of Change
Continued from page 1

Ecology will include closure performance standards in the unit-specific conditions in the Hanford Facility RCRA permit. Milestones for closure dates have been specified to allow incorporation of the milestones into the compliance schedule for the unit-specific conditions.

In accordance with Tri-Party Agreement Action Plan Section 5.5, to maintain coordination between RCRA TSD unit closure actions and CERCLA remedial actions, the milestones for submittal of the closure plans coincide with milestones for submittal of the corresponding site investigation documentation proposed in accompanying change package M-15-09-02. Both sets of milestones should be reviewed in the event that changes are necessary.

DOE has previously proposed that an additional TSD unit, 216-A-10 Crib, be reclassified from a TSD to a past-practice waste management unit (DOE letter 09-AMCP-0224, dated November 6, 2009). Ecology is currently considering that proposal. In the event that 216-A-10 remains as a TSD unit, development of the closure plan and completion of closure will be added to the scope of milestones M-037-02 and M-037-10.

A Closure Plan for the 241-CX tank system (241-CX-70/71/72) has been previously submitted to Ecology. Ecology and DOE completed review and comment resolution, and the closure plan is subject to approval in accordance with the process for permit changes described in WAC 173-303-830, and the process for decision-making described in WAC 173-303-840.

Modifications to existing Tri-Party Agreement milestones are denoted with ~~strikeout~~; new milestones/text are denoted with double underlining. Text in *italics* is included to facilitate the review process and will not be included in the Tri-Party Agreement.

Milestone/Target	Description	Date
M-037-01	Submit Revised Closure Plan to support TSD closure of the Hexone Storage and Treatment Facility (276-S-141/142) TSD unit. Note: Issuance of the draft closure plan as part of public comment on Revision 9 of the Hanford Facility RCRA Permit satisfies this milestone.	12/31/2010
M-037-02	Submit Revised Closure Plans to support TSD closure for five (5) TSD Units: 207-A South Retention Basin, 216-A-29 Ditch, 216-A-36B Crib, 216-A-37-1 Crib, and 216-B-63 Trench.	06/30/2014
M-037-03	Submit Revised Closure Plans to support TSD closure for two (2) TSD Units: 216-B-3 Main Pond system, and 216-S-10 Pond and Ditch.	04/30/2012

Interim milestones for completion of TSD closure requirements		
M-037-10	Complete Unit-Specific Closure Requirements According To The Closure Plan(s) For seven (7) TSD Units: 207-A South Retention Basin, 216-A-29 Ditch, 216-A-36B Crib, 216-A-37-1 Crib, 216-B-63 Trench, Hexone Storage and Treatment Facility (276-S-141/142), and 241-CX Tank System (241-CX-70/71/72).	9/30/2020
M-037-11	Complete unit-specific closure requirements for two (2) TSD Units: 216-B-3 Main Pond system and 216-S-10 Pond and Ditch.	9/30/2016

Change Number	Federal Facility Agreement and Consent Order Change Control Form Do not use blue ink. Type or print using black ink.	Date
C-09-07		March 30, 2010

Originator
Matthew S. McCormick

Phone
(509) 373-9971

Class of Change

[ ] I - Signatories [**X**] II - Executive Manager [ ] III - Project Manager

Change Title

Revise Tri-Party Agreement Appendix C to align operable unit assignments with proposed Central Plateau decisions.

Description/Justification of Change

This change package aligns the operable unit (OU) assignments for Central Plateau waste sites consistent with decisions agreed to as part of the negotiations that resulted in restructuring requirements for completing the Remedial Investigation/Feasibility Study (RI/FS) [or RI/FS and Resource Conservation and Recovery Act (RCRA) Facility Investigation/Corrective Measures Study (RFI/CMS)] process for the cleanup decisions for the Central Plateau waste sites as documented in Change Packages M-15-09-02 and M-85-10-01.

The existing 200 Area OUs are being restructured as needed to assign waste sites in a given geographic area to an OU to facilitate cleanup on a geographic basis. Most of the previous OUs will no longer be used. Lead regulatory agencies are realigned to reflect the new OU structure.

Continued on Page 2

Impact of Change

This change supports implementation of change packages M-15-09-02 and M-85-10-01 by realigning waste site OU assignments with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and RCRA RI/FS and RFI/CMS documentation to be developed.

Affected Documents

The HFFACO, as amended, and Hanford Site internal planning, management, and budget documents (e.g., USDOE and USDOE contractor Baseline Change Control documents; Multi-Year Work Plan; Sitewide Systems Engineering Control Documents, and Project Management Plans).

Approvals

DOE	Date	Approved	Disapproved
EPA	Date	Approved	Disapproved
Ecology	Date	Approved	Disapproved

Continued from Page 1

Changes to OU assignments include:

- 200-PW-1/3/6 and 200-CW-5 – No additions or deletions to OU assignments are required.
- B Plant Canyon/associated waste sites – Waste sites, including pipelines, in close proximity to the canyon building are reassigned to the new 200-CB-1 OU.
- PUREX Canyon/associated waste sites – Waste sites, including pipelines, in close proximity to the canyon building are reassigned to the new 200-CP-1 OU.
- REDOX Canyon/associated waste sites – Waste sites, including pipelines, in close proximity to the canyon building are reassigned to the new 200-CR-1 OU.
- Solid Waste Burial Grounds (200-SW-2) – Waste sites in the footprint of the burial grounds are reassigned to the 200-SW-2 OU.
- 200 West Inner Area (200-WA-1) – 200-BC-1 sites and other sites in the 200 West Area not included in 200-CR-1, 200-IS-1, 200-PW-1/6, 200-CW-5 or 200-SW-2 are reassigned to the new 200-WA-1 OU.
- 200 East Inner Area (200-EA-1 and 200 IS-1) – 200-IS-1 sites not included in one of the canyon OUs remain in the 200-IS-1 OU. Other waste sites not included in 200-CB-1, 200-CP-1, 200-PW-3, or 200-SW-2 are reassigned to the new 200-EA-1 OU.
- Deep Vadose Zone (200-DV-1) – Waste sites from the 200-TW-1/2 and 200-PW-5 OUs that have contaminants in the deep vadose zone are reassigned to the new 200-DV-1 OU.
- Outer Area (200-OA-1, 200-CW-1, and 200-CW-3) – One site from 200-CW-1 OU is reassigned to the 200-SW-2 OU. Other 200-CW-1 sites and the 200-CW-3 sites will remain in their existing OU. Sites from other OUs that are located in the geographically-based Outer Area are reassigned to the new 200-OA-1 OU.

Changes to current Tri-Party Agreement Appendix C OU assignments to align with the decisions are summarized in the attached table. Additional change packages will be developed in the future as new sites are identified to be added to Appendix C.

The lead regulatory agency designations for 200-BP-5 and 200-UP-1 groundwater OUs are changed to coincide with the lead regulatory agency designations of the overlying source OUs.

Specific changes to Tri-Party Agreement Appendix C are provided, displayed by Double Underline to indicate addition of text and by ~~Strikeout~~ to indicate deletion of text. Only the Operable Units listed in the table below are shown.

Continued on Page 3

Continued from Page 2

Transition of Operable Unit Structure										
	New OU assignments									
Existing OUs	**PW-1/3/6 and CW-5**	**200 West Inner Area**	**200 East Inner Area**	**200-IS-1**	**Outer Area**	**B Plant**	**PUREX**	**REDOX**	**200-SW-2**	**Deep Vadose Zone**
200-PW-1/3/6	**200-PW-1/3/6**									
200-CW-5	**200-CW-5**									
200-BC-1		**200-WA-1**								
200-CS-1			**200-EA-1**		**200-OA-1**					
200-CW-1		**200-WA-1**			**200-CW-1**				**200-SW-2**	
200-CW-3					**200-CW-3**					
200-IS-1				**200-IS-1**	**200-OA-1**	**200-CB-1**	**200-CP-1**	**200-CR-1**		
200-LW-1/2		**200-WA-1**	**200-EA-1**			**200-CB-1**	**200-CP-1**	**200-CR-1**		
200-MG-1/2		**200-WA-1**	**200-EA-1**		**200-OA-1**	**200-CB-1**	**200-CP-1**	**200-CR-1**	**200-SW-2**	
200-MW-1		**200-WA-1**	**200-EA-1**			**200-CB-1**	**200-CP-1**			
200-PW-2/4		**200-WA-1**	**200-EA-1**			**200-CB-1**	**200-CP-1**	**200-CR-1**		
200-PW-5		**200-WA-1**	**200-EA-1**					**200-CR-1**		**200-DV-1**
200-SC-1		**200-WA-1**	**200-EA-1**				**200-CP-1**			
200-SW-2					**200-OA-1**				**200-SW-2**	
200-TW-1/2		**200-WA-1**	**200-EA-1**							**200-DV-1**
200-UR-1		**200-WA-1**	**200-EA-1**		**200-OA-1**	**200-CB-1**				
200-UW-1		**200-WA-1**			**200-OA-1**					

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
~~**200-BC-1**~~	~~**EPA**~~	~~**CPP**~~	
~~200-E-14~~	~~200-E-14, 216-BC-201 Siphon Tank, 216-B-201~~	~~Storage Tank~~	
~~216-B-14~~	~~216-B-14, 216-BC-1 Crib~~	~~Crib~~	
~~216-B-15~~	~~216-B-15, 216-BC-2 Crib~~	~~Crib~~	
~~216-B-16~~	~~216-B-16, 216-BC-3 Crib~~	~~Crib~~	
~~216-B-17~~	~~216-B-17, 216-BC-4 Crib~~	~~Crib~~	
~~216-B-18~~	~~216-B-18, 216-BC-5 Crib~~	~~Crib~~	
~~216-B-19~~	~~216-B-19, 216-BC-6 Crib~~	~~Crib~~	
~~216-B-20~~	~~216-B-20, 216-BC-7 Trench, 216-B-20 Trench~~	~~Trench~~	
~~216-B-21~~	~~216-B-21, 216-BC-8 Trench, 216-B-21 Trench~~	~~Trench~~	
~~216-B-22~~	~~216-B-22, 216-BC-9 Trench, 216-B-22 Trench~~	~~Trench~~	
~~216-B-23~~	~~216-B-23, 216-BC-10 Trench, 216-B-23 Trench~~	~~Trench~~	
~~216-B-24~~	~~216-B-24, 216-BC-11 Trench, 216-B-24 Trench~~	~~Trench~~	
~~216-B-25~~	~~216-B-25, 216-BC-12 Trench, 216-B-25 Trench~~	~~Trench~~	
~~216-B-26~~	~~216-B-26, 216-BC-13 Trench, 216-B-26 Trench~~	~~Trench~~	
~~216-B-27~~	~~216-B-27, 216-BC-14 Trench, 216-B-27 Trench~~	~~Trench~~	
~~216-B-28~~	~~216-B-28, 216-BC-15 Trench, 216-B-28 Trench~~	~~Trench~~	
~~216-B-29~~	~~216-B-29, 216-BC-16 Trench~~	~~Trench~~	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
~~**200-BC-1 (continued)**~~			
~~216-B-30~~	~~216-B-30, 216-BC-17 Trench, 216-B-30 Trench~~	~~Trench~~	
~~216-B-31~~	~~216-B-31, 216-BC-18 Trench, 216-B-31 Trench~~	~~Trench~~	
~~216-B-32~~	~~216-B-32, 216-BC-19 Trench, 216-B-32 Trench~~	~~Trench~~	
~~216-B-33~~	~~216-B-33, 216-BC-20 Trench, 216-B-33 Trench~~	~~Trench~~	
~~216-B-34~~	~~216-B-34, 216-BC-21 Trench~~	~~Trench~~	
~~216-B-52~~	~~216-B-52, 216-B-52 Trench~~	~~Trench~~	
~~216-B-53A~~	~~216-B-53A, 216-B-53A Trench, PRTR Trench~~	~~Trench~~	
~~216-B-53B~~	~~216-B-53B, 216-B-53 Trench, 216-B-53B Trench~~	~~Trench~~	
~~216-B-54~~	~~216-B-54, 216-B-54 Trench~~	~~Trench~~	
~~216-B-58~~	~~216-B-58, 216-B-58 Trench, 216-B-59 Crib~~	~~Trench~~	
~~200-E-114-PL~~	~~200-E-114-PL, Pipeline From 241-BY Tank Farm to 241-C Tank Farm and BC Cribs Trenches, 2805-E1, 2805-E2, 216-BC-2805~~	~~Direct Buried Tank Farm Pipeline~~	
200-CB-1	**Ecology**	**CPP**	
221-B	221-B, B Plant Facility, B Plant Canyon	Process Unit/Plant	WIDS entry to be updated to reflect scope of this unit
216-B-4	216-B-4, 216-B-4 French Drain, 216-B-4 Dry Well	Injection/Reverse Well	
216-B-13	216-B-13, 216-B-13 French Drain, 291-B Crib, 216-B-B, 216-B-13 Crib	French Drain	
216-B-60	216-B-60, 216-B-60 Crib	Crib	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-CB-1 (continued)			
200-E-6	200-E-6, Septic Tank, Sanitary Sewer Repair and Replacement 2607-E4	Septic Tank	
200-E-55	200-E-55, Effluent Drain East of 291-B Sand Filter, Miscellaneous Stream #322	French Drain	
2607-E4	2607-E4, 2607-E4 Septic Tank and Tile Field	Septic Tank	
UPR-200-E-1	UPR-200-E-1, Waste Line Failure on South Side of 221-B	Unplanned Release	
UPR-200-E-2	UPR-200-E-2, UN-200-E-2, Spotty Contamination Around the B and T Plant Stacks	Unplanned Release	
UPR-200-E-44	UPR-200-E-44, UN-200-E-44, Waste Line Leak South of 221-B	Unplanned Release	
UPR-200-E-52	UPR-200-E-52, UN-200-E-52, Contamination Spread Outside the North Side of 221-B	Unplanned Release	
UPR-200-E-54	UPR-200-E-54, UN-200-E-54, Contamination Outside 225-B Doorway	Unplanned Release	
UPR-200-E-55	UPR-200-E-55, UN-200-E-55, Contamination Spread South of B Plant	Unplanned Release	
UPR-200-E-80	UPR-200-E-80, UN-216-E-8, 221-B R-3 Line Break, R-3 Radiation Zone, UN-200-E-80	Unplanned Release	
UPR-200-E-85	UPR-200-E-85, Line Leak at 221-B Stairwell R-13, UN-216-E-13, UPR-200-E-41, UN-200-E-85, UN-200-E-41	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-CB-1 (continued)			
UPR-200-E-87	UPR-200-E-87, UN-216-E-15, 224-B South Side Plutonium Ground Contamination, UN-200-E-87, 216-E-15	Unplanned Release	
UPR-200-E-103	UPR-200-E-103, UN-200-E-103, BCS Line Leak South of R-17 at 221-B	Unplanned Release	
200-CP-1	**Ecology**	**CPP**	
202-A	202-A, PUREX Facility, PUREX Canyon	Process Unit/Plant	WIDS entry to be updated to reflect the scope of this unit
216-A-11	216-A-11 French Drain, Miscellaneous Stream #465	French Drain	
216-A-12	216-A-12, Miscellaneous Stream #463	French Drain	
216-A-13	216-A-13, 216-A-13 French Drain, Miscellaneous Stream #460	French Drain	
216-A-14	216-A-14, French Drain - Vacuum Cleaner Filter Pit, Miscellaneous Stream #462	French Drain	
216-A-32	216-A-32, 216-A-32 Crib	Crib	
216-A-35	216-A-35 French Drain, 216-A-35 Dry Well	French Drain	
200-E-65	200-E-65, 202A Building Steam Condensate, Miscellaneous Stream #466 Injection Well (R)	Injection/Reverse Well	
200-E-67	200-E-67, 202A Building Steam Condensate, Miscellaneous Stream #494	Injection/Reverse Well	
200-E-70	200-E-70, Line #8801 Steam Condensate, Miscellaneous Stream #64, Injection Well (Q)	Injection/Reverse Well	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-CP-1 (continued)			
200-E-71	200-E-71, Line #8801 Steam Condensate, Miscellaneous Stream #63, Injection Well (O)	Injection/Reverse Well	
200-E-73	200-E-73, Line #8801 Steam Condensate, Miscellaneous Stream #61, Injection Well (M)	Injection/Reverse Well	
200-E-74	200-E-74, Line #8801 Steam Condensate, Miscellaneous Stream #62, Injection Well (N)	Injection/Reverse Well	
200-E-77	200-E-77, Line #8801 Steam Condensate, Miscellaneous Stream #65, Injection Well (S)	Injection/Reverse Well	
200-E-79	200-E-79, Line #8801 Steam Condensate, Miscellaneous Stream #66, Injection Well (T)	Injection/Reverse Well	
200-E-84	200-E-84, 202A Building Steam Condensate, Miscellaneous Stream #58, Injection Well (C)	Injection/Reverse Well	
200-E-107	200-E-107, Contamination Area East of PUREX, PUREX E Field	Unplanned Release	
2607-EE	2607-EE, 2607-EE Septic System	Septic Tank	
UPR-200-E-28	UPR-200-E-28, Contamination Release Inside the PUREX Exclusion Area, UN-200-E-28	Unplanned Release	
UPR-200-E-39	UPR-200-E-39, Release from 216-A-36B Crib Sampler (295-A), UN-200-E-39	Unplanned Release	
UPR-200-E-96	UPR-200-E-96, Ground Contamination SE of PUREX, UN-216-E-24, UN-200-E-96	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-CR-1	**EPA**	**CPP**	
202-S	202-S, REDOX, S Plant	Process Unit/Plant	WIDS entry to be updated to reflect the scope of this unit
2904-S-170	2904-S-170, 2904-S-170 Weir Box, 2904-S-170 Control Structure	Control Structure	
218-W-7	218-W-7, 222-S Vault	Burial Ground	
UPR-200-W-43	UPR-200-W-43, Contaminated Blacktop East of 233-S, UN-200-W-43	Unplanned Release	
UPR-200-W-56	UPR-200-W-56, Contamination at the REDOX Column Carrier Trench, UN-200-W-56	Unplanned Release	
UPR-200-W-57	UPR-200-W-57, UPR-200-E-120 (error in area number assignment), UN-200-W-57, 233-S Fire	Unplanned Release	
UPR-200-W-61	UPR-200-W-61, REDOX Ground Contamination, UN-200-W-61	Unplanned Release	
UPR-200-W-96	UPR-200-W-96, UN-216-W-4, 233-S Floor Overflow, 233-SA Floor Overflow	Unplanned Release	
~~**200-CS-1**~~	~~**Ecology**~~	~~**RPP**~~	
~~216-A-29**~~	~~216-A-29, Snow's Canyon, PUREX Chemical Sewer (CSL)~~	~~Ditch~~	
~~216-B-63**~~	~~216-B-63, B Plant Chemical Sewer, 216-B-63 Trench~~	~~Ditch~~	
~~216-S-10D**~~	~~216-S-10D, 216-S-10D Ditch, 202 Chemical Sump #1 and Ditch, Chemical Sewer Trench, Open Ditch to the Chemical Sewer Trench, 216-S-10 Ditch~~	~~Ditch~~	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
~~**200-CS-1 (continued)**~~			
~~216-S-10P**~~	~~216-S-10P, 216-S-10P Pond, 202-S Chemical Sump #1 and Ditch, Chemical Sewer Trench~~	~~Pond~~	
~~216-S-11~~	~~216-S-11, 202-S Chemical Sump #2, Chemical Sewer Trenches, 216-S-11 Swamp~~	~~Pond~~	
200-CU-1	**EPA**	**CPP**	
221-U	221-U, 221-U Canyon Building, U Plant, 276-U	Process Unit/Plant	WIDS entry to be updated to reflect the scope of this unit as defined in Record of Decision 221-U Facility (Canyon Disposition Initiative)
271-U	271-U, 271-U Office Building, 271-U Building	Office	WIDS entry to be updated to reflect the scope of this unit as defined in Record of Decision 221-U Facility (Canyon Disposition Initiative)
291-U	291-U, 291-U Fan Control House	Process Unit/Plant	WIDS entry to be updated to reflect the scope of this unit as defined in Record of Decision 221-U Facility (Canyon Disposition Initiative)
291-U-1	291-U-1, 291-U-1 Stack, 291-U Stack	Stack	WIDS entry to be updated to reflect the scope of this unit as defined in Record of Decision 221-U Facility (Canyon Disposition Initiative)
292-U	292-U, Stack Monitoring Station	Process Unit/Plant	WIDS entry to be updated to reflect the scope of this unit as defined in Record of Decision 221-U Facility (Canyon Disposition Initiative)
200-CW-1	~~**Ecology**~~ **EPA**	**CPP**	
216-A-25	216-A-25, Gable Mountain Swamp, 216-A-25 Swamp, Gable Mountain Pond	Pond	
216-B-3**	216-B-3, B Pond, B-3 Pond, B Swamp, 216-B-3 Swamp, B Plant Swamp	Pond	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-CW-1 (continued)			
216-B-3A RAD	216-B-3A RAD, 216-B-3A Expansion Lobe Residual Radioactive Waste, 216-B-3 1st Overflow Pond	Pond	
216-B-3B RAD	216-B-3B RAD, 216-B-3B Expansion Lobe Residual Radioactive Waste	Pond	
216-B-3C RAD	216-B-3C RAD, 216-B-3C Expansion Lobe Residual Radioactive Waste	Pond	
216-S-16P	216-S-16P, 202-S Swamp and Ditch, 202-S Swamp #1, REDOX Pond #2	Pond	
216-S-17	216-S-17, 202-S Swamp, 202-S REDOX Swamp, 216-S-1 REDOX Pond No. 1, REDOX Swamp, 216-S-1	Pond	
~~216-T-4B~~	~~216-T-4B, 216-T-4 New Pond, 216-T-4-2 (P), 216-T-4-2 Pond~~ ~~231 Swamp~~	~~Pond~~	
216-U-9	216-U-9, U Swamp-S Swamp Ditch, 216-U-6	Ditch	
216-U-10	216-U-10, U Swamp, 216-U-1, 216-U-10 Pond,	Pond	
216-U-11	216-U-11, U Swamp Extension Ditch, 216-U-12, 216-U-11 Trench, 216-U-11 Ditch, 216-U-11 (old ditch), 216-U-11 (new ditch)	Ditch	
UPR-200-W-124	UPR-200-124, Dike Break at the REDOX Pond, UN-200-W-124	Unplanned Release	
200-CW-3	**EPA**	**CPP**	
200-N-3	200-N-3, Ballast Pits	Depression/Pit (nonspecific)	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-CW-3 (continued)			
216-N-1	216-N-1, 212-N Swamp, 216-N-1 Swamp, 216-N-1 Covered Pond	Pond	Interim Record of Decision, 100 Area Remaining Sites (1999)†
216-N-2	216-N-2, 212-N Storage Basin Crib #1, 212-N #1 Trench, 216-N-1 Trench, 216-N-2 Trench	Trench	Interim Record of Decision, 100 Area Remaining Sites (1999)†
216-N-3	216-N-3, 212-N Storage Basin Crib #2, 212-N #2 Trench, 212-N #2 Grave, 212-N-2 Trench, 212-N-3 Trench	Trench	Interim Record of Decision, 100 Area Remaining Sites (1999)†
216-N-4	216-N-4, 216-N-2, 216-N-4 Swamp, 212-P Swamp	Pond	Interim Record of Decision, 100 Area Remaining Sites (1999)†
216-N-5	216-N-5, 212-P Storage Basin Crib, 212-P Trench, 212-P Grave, 216-N-5 Trench	Trench	Interim Record of Decision, 100 Area Remaining Sites (1999)†
216-N-6	216-N-6, 212-R Swamp, 216-N-6 Swamp	Pond	Interim Record of Decision, 100 Area Remaining Sites (1999)†
216-N-7	216-N-7, 212-R Storage Basin Crib, 212-R Trench, 212-R Grave, 216-N-7 Trench	Trench	Interim Record of Decision, 100 Area Remaining Sites (1999)†
2607-N	2607-N, 2743-N Guard House Septic Tank and Tile Field	Septic Tank	
2607-P	2607-P, 2743-P Guard House Septic Tank and Tile Field	Septic Tank	
2607-R	2607-R, 2743-R Guard House Septic Tank and Tile Field	Septic Tank	
600-285-PL	600-285-PL, Pipeline from 212-N to 216-N-1 Pond	Radioactive Process Sewer	
600-286-PL	600-286-PL, Pipeline from 212-P to 216-N-4 Pond	Radioactive Process Sewer	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-CW-3 (continued)			
600-287-PL	600-287-PL, Pipeline from 212-R to 216-N-6 Pond	Radioactive Process Sewer	
UPR-200-N-1	UPR-200-N-1, Unplanned Release at the 212-R Railroad Spur	Unplanned Release	
UPR-200-N-2	UPR-200-N-2, 200-N-2, Unplanned Release near Well Pumphouse No. 2, Well Pumphouse East of 212-R	Unplanned Release	
200-CW-5	**EPA**	**CPP**	
216-Z-1D	216-Z-1D, 216-Z-1, Drain Ditch to U Swamp, Z Plant Ditch	Ditch	
216-Z-11	216-Z-11, 216-Z-11 Ditch, Z Plant Ditch	Ditch	
216-Z-19	216-Z-19, 216-U-10 Ditch, Z Plant Ditch, 216-Z-19 Ditch	Ditch	
216-Z-20	216-Z-20, Z-19 Ditch Replacement Tile Field	Crib	
UPR-200-W-110	UPR-200-W-110, Contaminated Soil at 216-Z-1, UN-216-W-20 Spoil Trench	Trench	
200-DV-1	**Ecology**	**R-CPP**	
216-B-5	216-B-5, 241-B-361 Reverse Well, 241-B-361 Dry Well, 241-B-5 Dry Well	Injection/Reverse Well	
216-B-7A&B	216-B-7A&B, 241-B-201 Crib, 216-B-7 Crib, 216-B-7A Sump, 216-B-7B Sump, 241-B-1 and 2 Cribs, 216-B-7A & B	Crib	
216-B-8	216-B-8, 241-B-3 Crib, 216-B-8, 216-B-8TF	Crib	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-DV-1 (continued)			
216-B-9	216-B-9, 241-B-361 Crib, 5-6 Crib and Tile Field, 216-B-361 Crib, 216-B-9TF	Crib	
216-B-11A&B	216-B-11A&B, 216-B-11 Crib, 242-B-1 Crib, 216-B-11A & B	French Drain	
216-B-35	216-B-35, 241-BX-1 Grave, 216-BX-1 Trench, 216-B-35 Trench	Trench	
216-B-36	216-B-36, 241-BX-2 Grave, 216-BX-2 Trench, 216-B-36 Trench	Trench	
216-B-37	216-B-37, 241-BX-3 Grave, 216-BX-3 Trench, 216-B-37 Trench	Trench	
216-B-38	216-B-38, 241-BX-4 Grave, 216-BX-4 Trench, 216-B-38 Trench	Trench	
216-B-39	216-B-39, 241-BX-5 Grave, 216-BX-5 Trench, 216-B-39 Trench	Trench	
216-B-40	216-B-40, 241-BX-6 Grave, 241-BX-6 Trench, 216-B-40 Trench, 216-BX-6 Trench	Trench	
216-B-41	216-B-41, 241-BX-7 Grave, 216-BX-7 Trench, 216-B-41 Trench	Trench	
216-B-42	216-B-42, 241-BX-8 Grave, 216-BX-8 Trench, 216-B-42 Trench	Trench	
216-B-43	216-B-43, 216-BY-1 Crib, 216-BY-1 Cavern	Crib	
216-B-44	216-B-44, 216-BY-2 Crib, 216-BY-2 Cavern	Crib	
216-B-45	216-B-45, 216-BY-3 Crib, 216-BY-3 Cavern	Crib	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-DV-1 (continued)			
216-B-46	216-B-46, 216-BY-4 Crib, 216-BY-4 Cavern	Crib	
216-B-47	216-B-47, 216-BY-5 Crib, 216-BY-5 Cavern	Crib	
216-B-48	216-B-48, 216-BY-6 Crib, 216-BY-6 Cavern	Crib	
216-B-49	216-B-49, 216-BY-7 Crib, 216-BY-7 Cavern	Crib	
216-B-50	216-B-50, 216-BY-8 Crib, 216-BY-8 Cavern	Crib	
216-B-57	216-B-57, 216-B-57 Enclosed Trench, Hanford Prototype Barrier	Crib	
216-B-62	216-B-62, 216-B-62 Enclosed Trench, 216-B-62 Crib	Crib	
216-S-9	216-S-9	Crib	
216-S-13	216-S-13, 276-S Crib, 216-S-6	Crib	
216-S-14	216-S-14, Buried Contaminated Hexone, Cold Organic Trench or Grave, 216-S-4 Burial Contaminated Hexone	Trench	
216-S-21	216-S-21, 216-SX-1, 216-SX-1 Cavern or Crib	Crib	
216-T-3	216-T-3, 241-T-361-A Reverse Well, 361-T Reverse Well	Injection/Reverse Well	
216-T-5	216-T-5, 216-T-5 Grave, 216-T-12, 216-T-5 Trench, 241-T-5 Trench	Trench	
216-T-6	216-T-6, 241-T-361 (1&2 Cribs), 216-T-5, 361-T-1&2 Cribs	Crib	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-DV-1 (continued)			
216-T-7	216-T-7, 216-T-7TF, 216-T-7 Tile Field, 241-T-3 Tile Field	Crib	
216-T-14	216-T-14, 241-T-1 Trench, 216-T-1 Grave, 216-T-13	Trench	
216-T-15	216-T-15, 241-T-2 Trench, 241-T-2 Grave, 216-T-14, 216-T-15 Crib	Trench	
216-T-16	216-T-16, 241-T-3 Trench, 241-T-3 Grave, 216-T-15, 216-T-16 Crib	Trench	
216-T-17	216-T-17, 241-T-4 Trench, 216-T-4 Grave, 216-T-16	Trench	
216-T-18	216-T-18, Test Crib for 221-U Building, Scavenged TBP Waste, 216-T-17, 241-T-17 Crib	Crib	
216-T-19	216-T-19, 241-TX-153 Crib and Tile Field, 216-TX-1, 241-TX-3, 216-T-19TF	Crib	
216-T-21	216-T-21, 241-TX-1 Trench, 216-TX-1 Grave, 216-TX-3	Trench	
216-T-22	216-T-22, 241-TX-2 Trench, 216-TX-2 Grave, 216-TX-4	Trench	
216-T-23	216-T-23, 241-TX-3 Trench, 216-TX-3 Grave, 216-TX-5, 241-TX-3 Grave	Trench	
216-T-24	216-T-24, 241-TX-4 Trench, 216-TX-4 Grave, 216-TX-6	Trench	
216-T-25	216-T-25, 241-TX-5 Trench, 216-TX-5 Grave, 216-TX-7	Trench	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-DV-1 (continued)			
216-T-26	216-T-26, 216-TY-1 Cavern, 216-TY-1 Crib, 241-TX-1 Cavern, 216-TX-1 Crib	Crib	
216-T-32	216-T-32, 241-T #1 & 2 Cribs, 216-T-6	Crib	
200-EA-1	**Ecology**	**R-CPP**	
207-A-NORTH	207-A-NORTH, 207-A, 207-A Retention Basin, 207-A-NORTH Retention Basin, 207-A North	Retention Basin	
216-A-1	216-A-1, 216-A-1 Cavern, 216-A-1 Trench	Crib	
216-A-2	216-A-2, 216-A-2 Cavern	Crib	
216-A-3	216-A-3, 216-A-3 Cavern, 216-A-3 Crib	Crib	
216-A-4	216-A-4, 216-A-4 Cavern	Crib	
216-A-5	216-A-5, 216-A-5 Cavern	Crib	
216-A-6	216-A-6, 216-A-6 Cavern	Crib	
216-A-9	216-A-9, 216-A-9 Crib	Crib	
216-A-10**	216-A-10, 216-A-10 Crib	Crib	
216-A-15	216-A-15, Miscellaneous Stream #461	French Drain	
216-A-18	216-A-18, 216-A-18 Excavation, 216-A-18 Grave, 216-A-18 Sump, 216-A-18 Crib	Trench	
216-A-19	216-A-19, 216-A-19 Test Hole, 216-A-19 Grave, 216-A-19 Sump, 216-A-19 Crib	Trench	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-EA-1 (continued)			
216-A-20	216-A-20, 216-A-20 Test Hole, 216-A-20 Grave, 216-A-20 Sump, 216-A-20 Crib	Trench	
216-A-21	216-A-21	Crib	
216-A-22	216-A-22, 216-A-22 French Drain, 216-A-22 Crib	Crib	
216-A-26	216-A-26, 216-A-26 French Drain, 216-A-26B, Miscellaneous Stream #464	French Drain	
216-A-26A	216-A-26A, 216-A-25 Crib, 216-A-26 French Drain, 291-A French Drain	French Drain	
216-A-27	216-A-27	Crib	
216-A-28	216-A-28, 216-A-28 French Drain, 216-A-28 Crib	Crib	
216-A-29**	216-A-29, Snow's Canyon, PUREX Chemical Sewer (CSL)	Ditch	
216-A-30	216-A-30, 216-A-30 Crib	Crib	
216-A-33	216-A-33, 216-A-33 Dry Well, 216-A-26B	French Drain	
216-A-34	216-A-34, 216-A-34 Ditch, 216-A-34 Crib	Ditch	
216-A-36A	216-A-36A, 216-A-36 Crib	Crib	
216-A-36B**	216-A-36B, 216-A-36 Crib, Purex Ammonia Scrubber Distillate (ASD)	Crib	
216-A-37-1**	216-A-37-1, 216-A-37 Crib	Crib	
216-A-37-2	216-A-37-2, 216-A-37-2 Crib	Crib	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-EA-1 (continued)			
216-A-38-1	216-A-38-1, 216-A-38 Crib (See Subsites)	Crib	
216-A-40	216-A-40 Retention Basin, 216-A-39 Crib, 216-A-39 Trench	Retention Basin	
216-A-41	216-A-41, Crib, 291-AR Stack Drain, 296-A-13 Stack Drain	Crib	
216-A-42	216-A-42, 207-AA Retention Basin, 216-A-42 Trench, 216-A-42 Retention Basin	Retention Basin	
216-A-45	216-A-45, 216-A-45 Crib	Crib	
207-B	207-B, B Plant Retention Basin, 207-B Retention Basin	Retention Basin	
216-B-2-1	216-B-2-1, 216-B-1, B Swamp Ditch, 216-B-2, B Ditch, 216-B-2W	Ditch	
216-B-2-2	216-B-2-2, 216-B-2-2W, 216-B-1 Ditch	Ditch	
216-B-2-3	216-B-2-3, B Pond Ditch, B Swamp Ditch, 216-B-2-2E	Ditch	
216-B-6	216-B-6, 222-B-110 Reverse Well, 216-B-6 Dry Well, 216-B-6 Crib, 222-B-110 Dry Well	Injection/Reverse Well	
216-B-10A	216-B-10A, 222-B-1 Crib, 216-B-10 Crib, 292-B	Crib	
216-B-10B	216-B-10B, 222-B-2 Crib, 216-B-10 Crib	Crib	
216-B-12	216-B-12, 216-ER Crib, 216-ER-1,2,3 Cribs	Crib	
216-B-51	216-B-51, 216-BY-9 Crib	French Drain	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-EA-1 (continued)			
216-B-55	216-B-55, 216-B-55 Enclosed Trench, 216-B-55 Crib	Crib	
216-B-59	216-B-59, 216-B-58 Trench, 216-B-58 Ditch	Trench	
216-B-59B	216-B-59B, 216-B-59 Retention Basin	Retention Basin	
216-B-63**	216-B-63, B Plant Chemical Sewer, 216-B-63 Trench	Ditch	
216-B-64	216-B-64, 216-B-64 Retention Basin, 216-B-64 Trench, 216-B-64 Crib	Retention Basin	
241-B-361	241-B-361, 241-B-361 Settling Tank	Settling Tank	
216-BY-201	216-BY-201, 241-BY Flush Tank, 216-BY-47, Supernatant Disposal Flush Tank	Settling Tank	
216-C-1	216-C-1, 216-C-1 Crib, 216-C Crib	Crib	
216-C-2	216-C-2, 291-C Dry Well, 216-C-2 Dry Well	Injection/Reverse Well	
216-C-3	216-C-3, 201-C Leaching Pit, 216-C-3 Crib	Crib	
216-C-4	216-C-4, 216-C-4 Crib	Crib	
216-C-5	216-C-5, 216-C-5 Crib	Crib	
216-C-6	216-C-6, 241-CX Crib	Crib	
216-C-7	216-C-7, 216-C-7 Crib	Crib	
216-C-10	216-C-10, 216-C-10 Crib	Crib	
291-C-1	291-C-1, 291-C-1 Stack, 291-C Stack Burial Trench	Burial Ground	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-EA-1 (continued)			
2704-C-WS-1	2704-C-WS-1, 2704-C French Drain, Gatehouse French Drain	French Drain	
200-E BP	200-E BP, 200-E Burning Pit, 200 East Burn Pit	Burn Pit	
200-E PD*	200-E PD 200-E Powerhouse Ditch, 200 East Powerhouse Pond	Ditch	
200-E-4	200-E-4, Critical Mass Laboratory Dry Well North, 209-E North Dry Well, Miscellaneous Stream #730	French Drain	
200-E-13	200-E-13, Rubble Piles from RCRA General Inspection #200EFY95 Item #7	Dumping Area	
200-E-25	200-E-25, 272-BB French Drain, Insulation Shop French Drain, Miscellaneous Stream #659	French Drain	
200-E-26	200-E-26, Heavy Equipment Storage Area, Diesel Fuel Contaminated Soil	Unplanned Release	
200-E-29	200-E-29, Unplanned Release From 241-ER-152 Diversion Box	Unplanned Release	
200-E-43	200-E-43, Tank Car Storage Area, Regulated Equipment Storage Area, TC-4 Spur Tank Car Storage Area	Storage	
200-E-53	200-E-53, Contaminated Zone Adjacent to 218-E-12B and 218-E-8, Overground Storage Area, Above Ground Storage Area	Unplanned Release	
200-E-56	200-E-56, 241-C Waste Line Leak adjacent to 201-C, Waste Line Leak #1	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-EA-1 (continued)			
200-E-57	200-E-57, 241-C Waste Line Leak east of 201-C, Waste Line Leak #2	Unplanned Release	
200-E-58	200-E-58, 216-A-5 Neutralization Tank, Tank A5, IMUST, Inactive Miscellaneous Underground Storage Tank	Neutralization Tank	
200-E-68	200-E-68, 291A Control House Steam Condensate, Miscellaneous Stream #59, Injection Well (L)	Injection/Reverse Well	
200-E-103	200-E-103, Radiologically Controlled Area - South Side of PUREX, PUREX Stabilized Area	Unplanned Release	
200-E-109	200-E-109, Contaminated Tumbleweed Accumulation, Contamination Spread in Northeast Corner of 200 East Area	Unplanned Release	
200-E-115	200-E-115; Contamination Area East of 241-C Tank Farm	Unplanned Release	
200-E-117	200-E-117, Contamination Zone South of B Plant	Unplanned Release	
200-E-121	200-E-121, Soil Contamination Area East and West of Baltimore Avenue	Unplanned Release	
200-E-123	200-E-123, Contamination Area South of 216-B-2 Stabilized Ditches.	Unplanned Release	
200-E-124	200-E-124, URM on East Side of 275-EA	Unplanned Release	
200-E-125	200-E-125, Contamination Area Northwest of 244-AR Building.	Unplanned Release	
200-E-128	200-E-128, Radioactive Contamination "Hot Spot" Under Gravel Road	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-EA-1 (continued)			
200-E-129	200-E-129, Stabilized Area on East Side of B Plant Railroad Cut	Unplanned Release	
200-E-130	200-E-130, Stabilized Area on West Side of B Plant Chemical Spur	Unplanned Release	
200-E-139	200-E-139, Contamination Area North of C Farm	Unplanned Release	
209-E-WS-2	209-E-WS-2, Critical Mass Lab French Drain	French Drain	
209-E-WS-3	209-E-WS-3, Critical Mass Laboratory Valve Pit and Hold Up Tank (209-E-TK-111), IMUST, Inactive Miscellaneous Underground Storage Tank (See Subsites)	Valve Pit	
209-E-WS-3:1	209-E-WS-3:1, 209-E-TK-111 Hold Up Tank		
218-E-7	218-E-7, 200 East 222-B Vaults	Burial Ground	
270-E-1	270-E-1, 270-E CNT, 270-E Condensate Neutralization Tank, 216-ER-1, IMUST, Inactive Miscellaneous Underground Storage Tank	Neutralization Tank	
299-E24-111	299-E24-111, Experimental Test Well Site	Injection/Reverse Well	
2607-E3	2607-E3, 2607-E3 Septic Tank and Drainfield, 2607-E3 Septic System, TFS of 218-E-4, Tile Field South of 218-E-4	Septic Tank	
2607-E5*	2607-E5	Septic Tank	
2607-E6*	2607-E6	Septic Tank	
2607-E7A*	2607-E7A, 2607-E7	Septic Tank	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-EA-1 (continued)			
2607-E7B*	2607-E7B, 2607-E7B Septic System, 2607-E7	Septic Tank	
2607-E9	2607-E9, 242B/BL Septic Tank and Drain Field, 2607-E9 Septic System	Septic Tank	
2607-E12*	2607-E12, 2607-E12 Septic System	Septic Tank	
2607-EA*	2607-EA, 2607-EA Septic Tank and Drywell	Septic Tank	
UPR-200-E-9	UPR-200-E-9, Liquid Overflow at 216-BY-201, UN-200-E-9	Unplanned Release	
UPR-200-E-10	UPR-200-E-10, Contaminated Purex Railroad Spur, UN-200-E-10	Unplanned Release	
UPR-200-E-12	UPR-200-E-12, Contaminated Purex Railroad Spur, UN-200-E-12	Unplanned Release	
UPR-200-E-17	UPR-200-E-17, Overflow at 216-A-22, UN-200-E-17	Unplanned Release	
UPR-200-E-19	UPR-200-E-19, Contamination Release at 216-A-6 Sampler, UN-200-E-19	Unplanned Release	
UPR-200-E-20	UPR-200-E-20, Contaminated Purex Railroad Spur, UN-200-E-20	Unplanned Release	
UPR-200-E-21	UPR-200-E-21, 216-A-6 Overflow, UN-200-E-21	Unplanned Release	
UPR-200-E-29	UPR-200-E-29, 216-A-6 Overflow, UN-200-E-29	Unplanned Release	
UPR-200-E-33	UPR-200-E-33, Contaminated Purex Railroad tracks, UN-200-E-33	Unplanned Release	
UPR-200-E-35	UPR-200-E-35, Buried Contaminated Pipe, UN-218-E-1, 218-E-13	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-EA-1 (continued)			
UPR-200-E-37	UPR-200-E-37, Contamination East of Hot Semi-Works, UN-200-E-37, UN-216-E-37	Unplanned Release	
UPR-200-E-43	UPR-200-E-43, Road Contamination near 241-BY Tank Farm, UN-200-E-43	Unplanned Release	
UPR-200-E-50	UPR-200-E-50, Soil Contamination at the Overground Equipment Storage Yard, UN-200-E-50	Unplanned Release	
UPR-200-E-62	UPR-200-E-62, Transportation Spill near 200-E Burning Ground, UN-216-E-62, UN-200-E-62	Unplanned Release	
UPR-200-E-64	UPR-200-E-64, Radioactive Soil and Ant Hills, UN-200-E-64, UN-216-E-36	Unplanned Release	
UPR-200-E-66	UPR-200-E-66, 216-A-42 Basin Contamination Release, UN-216-E-66, UN-200-E-66	Unplanned Release	
UPR-200-E-69	UPR-200-E-69, UN-216-E-69, Railroad Car Flush Water Radioactive Spill, UN-200-E-69	Unplanned Release	
UPR-200-E-88	UPR-200-E-88, TC-4 Spur Contaminated Railroad Track, UN-216-E-88, UN-216-E-16, UN-200-E-88. Ground Contamination Around the Western Purex Railroad Spur	Unplanned Release	
UPR-200-E-89	UPR-200-E-89, UN-216-E-17, UN-200-E-89, Contamination Migration to the North, East & West of BX-BY Tank Farms	Unplanned Release	
UPR-200-E-95	UPR-200-E-95, UN-216-E-23, UN-200-E-95, Ground Contamination Around RR Spur Between 218-E-2A and 218-E-2	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-EA-1 (continued)			
UPR-200-E-98	UPR-200-E-98, UN-216-E-26, Ground Contamination East of C Plant (Hot Semi Works), UN-200-E-98	Unplanned Release	
UPR-200-E-101	UPR-200-E-101, UN-216-E-30, UN-216-E-101, UN-200-E-101, Radioactive Spill Near 242-B Evaporator	Unplanned Release	
UPR-200-E-112	UPR-200-E-112, UN-200-E-112, Contaminated Railroad Track from B-Plant to the Burial Ground	Unplanned Release	
UPR-200-E-143	UPR-200-E-143, Contamination Adjacent to 244-A Lift Station, UN-216-E-43	Unplanned Release	
UPR-200-E-144	UPR-200-E-144, Soil Contamination North of 241-B, UN-216-E-44	Unplanned Release	
200-IS-1	**Ecology**	~~**RPP**~~ **R-CPP**	
216-A-508	216-A-508, Control Structure for 216-A-8 Crib, 216-A-8 Distribution Box	Control Structure	
216-A-524	216-A-524, 216-A-524 Control Structure, 216-A 524 Weir, 216-A-24 Control Structure	Control Structure	
241-A-151*	241-A-151, 241-A-151 Diversion Box	Diversion Box	
241-A-302A*	241-A-302A, 241-A-302-A Catch Tank	Catch Tank	
241-A-302B	241-A-302B, 241-A-302-B Catch Tank	Catch Tank	
241-B-154**	241-B-154, 241-B-154 Diversion Box	Diversion Box	
241-B-302B	241-B-302B, 241-B-302-B Catch Tank, 241-B-302	Catch Tank	
241-BX-154**	241-BX-154, 241-BX-154 Diversion Box	Diversion Box	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-IS-1 (continued)			
241-BX-155**	241-BX-155, 241-BX-155 Diversion Box	Diversion Box	
241-BX-302B	241-BX-302B, 241-BX-302-B Catch Tank	Catch Tank	
241-BX-302C	241-BX-302C, 241-BX-302-C Catch Tank	Catch Tank	
241-C-154**	241-C-154, 241-C-154 Diversion Box	Diversion Box	
241-CX-70**	241-CX-70, 241-CX-TK-70 Tank, Strontium Hot Semi-works	Storage Tank	
241-CX-71**	241-CX-71, 241-CX-TK-71, 241-CX Neutralization Tank, Strontium Hot Semi-works	Neutralization Tank	
241-CX-72**	241-CX-72, 241-CX-TK-72 Vault and Tank, 241-CX-72 Waste Self Concentrator, Strontium Hot Semi-works	Storage Tank	
241-ER-151*	241-ER-151, 241-ER-151 Diversion Box	Diversion Box	
241-ER-152*	241-ER-152, 241-ER-152 Diversion Box	Diversion Box	
241-ER-311*	241-ER-311, 241-ER-311 Catch Tank	Catch Tank	
241-ER-311A	241-ER-311A, 241-ER-311A Catch Tank, old 241-ER-311	Catch Tank	
216-S-172	216-S-172, 216-S-172 Weir Box and Control Structure, 2904-S-172 Weir, 216-S-172 Control Structure	Control Structure	
240-S-151**	240-S-151, 240-S-151 Diversion Box	Diversion Box	
240-S-152**	240-S-152, 240-S-152 Diversion Box	Diversion Box	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-IS-1 (continued)			
240-S-302	240-S-302, 240-S-302 Catch Tank	Catch Tank	
276-S-141**	276-S-141, 276-S-TK-141, 276-S-306A, 276-S-141 Solvent Storage Tank, Tank 276-141, Hexone Storage Tank, 244-SX-15	Storage Tank	
276-S-142**	276-S-142, 276-S-TK-142, 276-S-306B, 276-S-142 Solvent Storage Tank, Tank 276-142, Hexone Storage Tank, 244-SX-15	Storage Tank	
2904-S-160	2904-S-160, 2904-S-160 Control Structure, 2904-S-160 Weir	Control Structure	
~~2904-S-170~~	~~2904-S-170, 2904-S-170 Weir Box, 2904-S-170 Control Structure~~	~~Control Structure~~	
2904-S-171	2904-S-171, 2904-S-171 Weir Box, 2904-S-171 Control Structure, 216-S-171	Control Structure	
241-SX-302	241-SX-302, 241-SX-302 Catch Tank, SX-304	Catch Tank	
241-TX-152*	241-TX-152, 241-TX-152 Diversion Box	Diversion Box	
241-TX-154*	241-TX-154, 241-TX-154 Diversion Box	Diversion Box	
241-TX-155**	241-TX-155, 241-TX-155 Diversion Box	Diversion Box	
241-TX-302B	241-TX-302B, 241-TX-302-B Catch Tank	Catch Tank	
241-TX-302BR	241-TX-302BR, 241-TX-302BR Catch Tank, 241-TXR-302BR	Catch Tank	
241-TX-302C*	241-TX-302C, 241-TX-302-C Catch Tank	Catch Tank	
216-TY-201	216-TY-201, Supernatant Disposal Flush Tank	Settling Tank	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-IS-1 (continued)			
241-U-151*	241-U-151, 241-U-151 Diversion Box	Diversion Box	
241-U-152*	241-U-152, 241-U-152 Diversion Box	Diversion Box	
241-UX-154*	241-UX-154, 241-UX-154 Diversion Box	Diversion Box	
241-UX-302A*	241-UX-302A, 241-U-302 Catch Tank, 241-UX-302 Catch Tank, 241-UX-302	Catch Tank	
200-W-7	200-W-7, 246-L, 243S-TK-1, 243-S-TK1	Catch Tank	
200-W-16	200-W-16, 292-T Underground Tanks	Storage Tank	
200-W-58	200-W-58, Z-Plant Diversion Box #1	Diversion Box	
200-W-59	200-W-59, Z-Plant Diversion Box #2	Diversion Box	
200-W-84-PL	200-W-84, U Plant Process Sewer, 18 Inch Process Sewer	Process Sewer	
~~200-W-102-PL~~	~~200-W-102-PL, Pipeline from Laundry/Powerhouse to 216-U-14 Ditch, 200-W-102~~	~~Radioactive Process Sewer~~	
241-WR VAULT	241-WR VAULT, 241-WR Vault (Tanks -001 through -009), 241-WR Diversion Station Vault, 244-WR Vault	Receiving Vault	
241-Z**	241-Z, 241-Z Treatment and Storage Tanks, 241-Z Tank Farm, 241-Z Treatment and Storage System, 241-Z-D-4, 241-Z-D-5, 241-Z-D-7, 241-Z-D-8, 241-Z Sump, 241-Z Tank Pit	Neutralization Tank	
HSVP	HSVP, Hot Semiworks Valve Pit, 201-C Diversion Box, Semiworks Valve Pit	Valve Pit	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-IS-1 (continued)			
~~UPR-200-E-1~~	~~UPR-200-E-1, Waste Line Failure on South Side of 221-B~~	~~Unplanned Release~~	
UPR-200-E-3	UPR-200-E-3, Line leak from 221-B to 241-BX-154, UN-200-E-3	Unplanned Release	
UPR-200-E-7	UPR-200-E-7, UN-200-E-7, Cave-In Near 216-B-9 (241-B-361 Crib)	Unplanned Release	
UPR-200-E-42	UPR-200-E-42, 241-AX-151 Release, UN-200-E-42	Unplanned Release	
~~UPR-200-E-44~~	~~UPR-200-E-44, UN-200-E-44, Waste Line Leak South of 221-B~~	~~Unplanned Release~~	
UPR-200-E-45	UPR-200-E-45, UN-200-E-45, Contamination Spread from the 241-B-154 Diversion Box	Unplanned Release	
UPR-200-E-67	UPR-200-E-67, UN-216-E-67, Radioactively Contaminated Pipe Encasement, UN-200-E-67	Unplanned Release	
UPR-200-E-77	UPR-200-E-77, UN-216-E-5, 241-B-154 Diversion Box Ground Contamination, UN-200-E-77	Unplanned Release	
UPR-200-E-78	UPR-200-E-78, UN-216-E-6, 241-BX-155 Diversion Box ground contamination, UN-200-E-78	Unplanned Release	
~~UPR-200-E-80~~	~~UPR-200-E-80, UN-216-E-8, 221-B R-3 Line Break, R-3 Radiation Zone, UN-200-E-80~~	~~Unplanned Release~~	
UPR-200-E-84	UPR-200-E-84,241-ER-151 Catch Tank Leak, UN-200-E-84, UN-216-E-12	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-IS-1 (continued)			
~~UPR-200-E-85~~	~~UPR-200-E-85, Line Leak at 221-B Stairwell R-13, UN-216-E-13, UPR-200-E-41, UN-200-E-85, UN-200-E-41~~	~~Unplanned Release~~	
~~UPR-200-E-87~~	~~UPR-200-E-87, UN-216-E-15, 224-B South Side Plutonium Ground Contamination, UN-200-E-87, 216-E-15~~	~~Unplanned Release~~	
~~UPR-200-E-96~~	~~UPR-200-E-96, Ground Contamination SE of PUREX, UN-216-E-24, UN-200-E-96~~	~~Unplanned Release~~	
UPR-200-E-145	UPR-200-E-145, W049H Green Soil, VCP Pipeline Leak	Unplanned Release	
UPR-200-W-2	UPR-200-W-2, UN-200-W-2, Underground Waste Line Leak	Unplanned Release	
UPR-200-W-5	UPR-200-W-5, Overflow at 241-TX-155, UN-200-W-5	Unplanned Release	
UPR-200-W-6	UPR-200-W-6, UN-200-W-6, Contamination Spread from 241-U-151 and 152 Diversion Boxes	Unplanned Release	
UPR-200-W-28	UPR-200-W-28, Release from 241-TX-155 Diversion Box, UN-200-W-28	Unplanned Release	
UPR-200-W-29	UPR-200-W-29, Transfer Line Leak, UN-200-W-29, UPR-200-W-27, UN-200-W-27, UN-216-W-5, 23rd and Camden Line Break	Unplanned Release	
UPR-200-W-32	UPR-200-W-32, UNH Transfer Line Break, UN-200-W-32	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-IS-1 (continued)			
UPR-200-W-35	UPR-200-W-35, Ground Contamination Near UNH Process Line, UN-200-W-35, REDOX to224-U UNH Line Leak	Unplanned Release	
UPR-200-W-38	UPR-200-W-38, Line Break at 241-TX-302, UPR-200-W-160, UPR-200-W-40, UN-200-W-38, 216-T-30, UN-216-W-36	Unplanned Release	
UPR-200-W-64	UPR-200-W-64, Road Contamination, UN-200-W-64	Unplanned Release	
UPR-200-W-97	UPR-200-W-97, Transfer Line Leak, UN-216-W-5, UN-200-W-97	Unplanned Release	
UPR-200-W-98	UPR-200-W-98, UN-216-W-6, 221-T Waste Line Break at R-19, UN-200-W-98	Unplanned Release	
UPR-200-W-102	UPR-200-W-102, UN-216-W-12, UN-200-W-102	Unplanned Release	
UPR-200-W-108	UPR-200-W-108, Line leak at 216-S-9 Crib, UN-216-W-18, UN-200-W-108	Unplanned Release	
UPR-200-W-109	UPR-200-W-109, Waste Line Leak near 218-W-9, UN-216-W-19, UN-200-W-109	Unplanned Release	
UPR-200-W-113	UPR-200-W-113, Soil Contamination East of 241-TX, UN-216-W-23, UN-200-W-113	Unplanned Release	
UPR-200-W-114	UPR-200-W-114, UN-216-W-24, Ground Contamination East of 241-SX Tank Farm, UN-200-W-114	Unplanned Release	
UPR-200-W-115	UPR-200-W-115, UN-216-W-25, Ground Contamination Along Cooper Street	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-IS-1 (continued)			
UPR-200-W-130	UPR-200-W-130, Line Leak at 231-W-151 Sump, UN-200-W-130	Unplanned Release	
UPR-200-W-131	UPR-200-W-131, Release from 241-TX-155	Unplanned Release	
UPR-200-W-135	UPR-200-W-135, Release from 241-TX-155, UN-200-2-135	Unplanned Release	
UPR-200-W-161	UPR-200-W-161, UN-216-W-35, UN-200-W-161	Unplanned Release	
UPR-200-W-164	UPR-200-W-164, Overhead UNH Line Leak, UN-216-W-29	Unplanned Release	
UPR-200-W-167	UPR-200-W-167, Contamination Migration from 241-TY, UN-216-W-32	Unplanned Release	
~~UPR-600-20~~	~~UPR-600-20, UN-216-E-41, Cross Country Transfer Line~~	~~Unplanned Release~~	
~~**200-LW-1**~~	~~**Ecology**~~	~~**RPP**~~	
~~216-T-27~~	~~216-T-27, 216-TY-2 Cavern, 216-TY-2 Crib, 216-TX-2 Cavern, 216-TX-2 Crib~~	~~Crib~~	
~~216-T-28~~	~~216-T-28, 216-TY-3 Cavern, 216-TY-3 Crib, 216-TX-3 Cavern, 216-TX-3 Crib~~	~~Crib~~	
~~216-T-34~~	~~216-T-34~~	~~Crib~~	
~~216-T-35~~	~~216-T-35~~	~~Crib~~	
~~**200-LW-2**~~	~~**Ecology**~~	~~**RPP**~~	
~~216-A-15~~	~~216-A-15, Miscellaneous Stream #461~~	~~French Drain~~	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-LW-2 (continued)			
216-B-6	216-B-6, 222-B-110 Reverse Well, 216-B-6 Dry Well, 216-B-6 Crib, 222-B-110 Dry Well	Injection/Reverse Well	
216-B-10A	216-B-10A, 222-B-1 Crib, 216-B-10 Crib, 292-B	Crib	
216-B-10B	216-B-10B, 222-B-2 Crib, 216-B-10 Crib	Crib	
216-S-20	216-S-20, 216-SL-1&2 Crib, 216-SL-2	Crib	
216-T-2	216-T-2, 222-T-110 Dry Well, 222-T Reverse Well	Injection/Reverse Well	
216-T-8	216-T-8, 222-T-1 & 2 Cribs	Crib	
216-Z-7	216-Z-7, 231-W Crib, 231-W Trench, 216-Z-6	Crib	
216-Z-16	216-Z-16	Crib	
216-Z-17	216-Z-17, 216-Z-17 Ditch	Trench	
200-MG-1	**Ecology**	**RPP**	
200 CP	200 CP, 200 Area Construction Pit, 200 Area Construction Waste Site, Hanford Site Gravel Pit 29	Depression/Pit (nonspecific)	
216-A-1	216-A-1, 216-A-1 Cavern, 216-A-1 Trench	Crib	
216-A-3	216-A-3, 216-A-3 Cavern, 216-A-3 Crib	Crib	
216-A-9	216-A-9, 216-A-9 Crib	Crib	
216-A-18	216-A-18, 216-A-18 Excavation, 216-A-18 Grave, 216-A-18 Sump, 216-A-18 Crib	Trench	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
~~200-MG-1 (continued)~~			
~~216-A-20~~	~~216-A-20, 216-A-20 Test Hole, 216-A-20 Grave, 216-A-20 Sump, 216-A-20 Crib~~	~~Trench~~	
~~216-A-28~~	~~216-A-28, 216-A-28 French Drain, 216-A-28 Crib~~	~~Crib~~	
~~216-A-34~~	~~216-A-34, 216-A-34 Ditch, 216-A-34 Crib~~	~~Ditch~~	
~~216-A-40~~	~~216-A-40 Retention Basin, 216-A-39 Crib, 216-A-39 Trench~~	~~Retention Basin~~	
~~216-A-42~~	~~216-A-42, 207-AA Retention Basin, 216-A-42 Trench, 216-A-42 Retention Basin~~	~~Retention Basin~~	
~~207-B~~	~~207-B, B Plant Retention Basin, 207-B Retention Basin~~	~~Retention Basin~~	
~~216-B-2-1~~	~~216-B-2-1, 216-B-1, B Swamp Ditch, 216-B-2, B Ditch, 216-B-2W~~	~~Ditch~~	
~~216-B-2-2~~	~~216-B-2-2, 216-B-2-2W, 216-B-1 Ditch~~	~~Ditch~~	
~~216-B-2-3~~	~~216-B-2-3, B Pond Ditch, B Swamp Ditch, 216-B-2-2E~~	~~Ditch~~	
~~216-B-3-1~~	~~216-B-3-1, B Swamp Ditch, 216-B-2, 216-B-3 Ditch, 216-B-2E~~	~~Ditch~~	
~~216-B-3-2~~	~~216-B-3-2, 216-B Ditch, 216-B-1 Ditch, B Swamp Ditch, 216-B-2-2E~~	~~Ditch~~	
~~216-B-3-3**~~	~~216-B-3-3, B Swamp Ditch, 216-B-3-3 Ditch~~	~~Ditch~~	
~~216-B-59~~	~~216-B-59, 216-B-58 Trench, 216-B-58 Ditch~~	~~Trench~~	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-MG-1 (continued)			
216-B-59B	216-B-59B, 216-B-59 Retention Basin	Retention Basin	
216-C-3	216-C-3, 201-C Leaching Pit, 216-C-3 Crib	Crib	
216-C-5	216-C-5, 216-C-5 Crib	Crib	
216-C-6	216-C-6, 241-CX Crib	Crib	
216-C-7	216-C-7, 216-C-7 Crib	Crib	
216-C-9	216-C-9, 216-C-7 Swamp, Former 221-C Canyon Excavation, 216-C-9 Swamp, Semi-Works Swamp, 216-C-9 C Canyon Excavation Semiworks Swamp	Pond	
216-C-10	216-C-10, 216-C-10 Crib	Crib	
291-C-1	291-C-1, 291-C-1 Stack, 291-C Stack Burial Trench	Burial Ground	
200-E-BP	200-E-BP, 200-E Burning Pit, 200 East Burn Pit	Burn Pit	
200-E-PD*	200-E-PD 200-E Powerhouse Ditch, 200 East Powerhouse Pond	Ditch	
200-E-1	200-E-1, 284-E Landfill	Dumping Area	
200-E-2	200-E-2, Soil Stains at the 2101-M SW Parking Lot, MO-234 parking Lot	Unplanned Release	
200-E-6	200-E-6, Septic Tank, Sanitary Sewer Repair and Replacement 2607-E4	Septic Tank	
200-E-7	200-E-7, 2607-EO Septic Tank & Tile Field	Septic Tank	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-MG-1 (continued)			
200-E-13	200-E-13, Rubble Piles from RCRA General Inspection #200EFY95 Item #7	Dumping Area	
200-E-26	200-E-26, Heavy Equipment Storage Area, Diesel Fuel Contaminated Soil	Unplanned Release	
200-E-29	200-E-29, Unplanned Release From 241-ER-152 Diversion Box	Unplanned Release	
200-E-43	200-E-43, Tank Car Storage Area, Regulated Equipment Storage Area, TC-4 Spur Tank Car Storage Area	Storage	
200-E-46	200-E-46, RCRA Permit General Inspection #200EFY96 Item #3	Dumping Area	
200-E-53	200-E-53, Contaminated Zone Adjacent to 218-E-12B and 218-E-8, Overground Storage Area, Above Ground Storage Area	Unplanned Release	
200-E-58	200-E-58, 216-A-5 Neutralization Tank, Tank A5, IMUST, Inactive Miscellaneous Underground Storage Tank	Neutralization Tank	
200-E-101	200-E-101, 200 East Deep Lysimeter Site	Depression/Pit (nonspecific)	
200-E-103	200-E-103, Radiologically Controlled Area - South Side of PUREX, PUREX Stabilized Area	Unplanned Release	
200-E-107	200-E-107, Contamination Area East of PUREX, PUREX E Field	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-MG-1 (continued)			
200-E-109	200-E-109, Contaminated Tumbleweed Accumulation, Contamination Spread in Northeast Corner of 200 East Area	Unplanned Release	
200-E-110	200-E-110, Contaminated Tumbleweed Dump Site	Dumping Area	
200-E-115	200-E-115; Contamination Area East of 241-C Tank Farm	Unplanned Release	
200-E-117	200-E-117, Contamination Zone South of B Plant	Unplanned Release	
200-E-121	200-E-121, Soil Contamination Area East and West of Baltimore Avenue	Unplanned Release	
200-E-123	200-E-123, Contamination Area South of 216-B-2 Stabilized Ditches.	Unplanned Release	
200-E-124	200-E-124, URM on East Side of 275-EA	Unplanned Release	
200-E-125	200-E-125, Contamination Area Northwest of 244-AR Building.	Unplanned Release	
200-E-128	200-E-128, Radioactive Contamination "Hot Spot" Under Gravel Road	Unplanned Release	
200-E-129	200-E-129, Stabilized Area on East Side of B Plant Railroad Cut	Unplanned Release	
200-E-130	200-E-130, Stabilized Area on West Side of B Plant Chemical Spur	Unplanned Release	
200-E-139	200-E-139, Contamination Area North of C Farm	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-MG-1 (continued)			
209-E-WS-3	209-E-WS-3, Critical Mass Laboratory Valve Pit and Hold Up Tank (209-E-TK-111), IMUST, Inactive Miscellaneous Underground Storage Tank (See Subsites)	Valve Pit	
209-E-WS-3:1	209-E-WS-3:1, 209-E-TK-111 Hold Up Tank		
218-E-7	218-E-7, 200 East 222-B Vaults	Burial Ground	
270-E-1	270-E-1, 270-E CNT, 270-E Condensate Neutralization Tank, 216-ER-1, IMUST, Inactive Miscellaneous Underground Storage Tank	Neutralization Tank	
2607-E1*	2607-E1	Septic Tank	
2607-E3	2607-E3, 2607-E3 Septic Tank and Drainfield, 2607-E3 Septic System, TFS of 218-E-4, Tile Field South of 218-E-4	Septic Tank	
2607-E4	2607-E4, 2607-E4 Septic Tank and Tile Field	Septic Tank	
2607-E5*	2607-E5	Septic Tank	
2607-E6*	2607-E6	Septic Tank	
2607-E7A*	2607-E7A, 2607-E7	Septic Tank	
2607-E7B*	2607-E7B, 2607-E7B Septic System, 2607-E7	Septic Tank	
2607-E9	2607-E9, 242B/BL Septic Tank and Drain Field, 2607-E9 Septic System	Septic Tank	
2607-E12*	2607-E12, 2607-E12 Septic System	Septic Tank	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-MG-1 (continued)			
2607-EA*	2607-EA, 2607-EA Septic Tank and Drywell	Septic Tank	
2607-EE	2607-EE, 2607-EE Septic System	Septic Tank	
216-S-4	216-S-4, 216-S-7, 216-S-4 Sump or Crib, UN-216-W-1	French Drain	
216-S-8	216-S-8, Cold Aqueous Trench, Cold Aqueous Crib, 216-S-3, Unirradiated Uranium Waste Trench, Cold Aqueous Grave	Trench	
216-S-16D	216-S-16D, 202-S Swamp (New) and Ditch, 202-S Swamp #1, REDOX Pond #2, 216-S-24 Ditch	Ditch	
216-S-19	216-S-19, 222-S Lab Swamp, 216-SL-1, REDOX Lab Swamp, 216-S-19 Pond	Pond	
216-S-22	216-S-22, 216-S-22 Crib	Crib	
216-S-26	216-S-26, 216-S-19 Replacement Facility, 216-S-26 Crib	Crib	
207-SL*	207-SL, 222-S Retention Basin, REDOX Lab Retention Basin, 207-SL Retention Basin	Retention Basin	
216-T-4A	216-T-4A, 216-T-4 Swamp, 216-T-4-1 (P), 216-T-4-1 Pond	Pond	
216-T-20	216-T-20, 216-TX-2, 216-T-20 Crib, 241-TX-155 Contaminated Acid Grave	Trench	
200-W-ADB	200-W-ADB, 200-W Ash Disposal Basin	Coal Ash Pit	
200-W-BP*	200-W-BP, 200-W Burning Pit, Pit 34	Burn Pit	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-MG-1 (continued)			
200-W-1	200-W-1, REDOX Mud Pit West	Mud Pit	
200-W-2	200-W-2, REDOX Berms West	Spoils Pile/Berm	
200-W-3	200-W-3, 2713-W North Parking Lot, 220-W-1	Dumping Area	
200-W-6	200-W-6, 200-W Painter Shop paint solvent disposal area	Dumping Area	
200-W-11	200-W-11, Concrete Foundation South of 241-S, S-Farm Foundation and Dump Site	Dumping Area	
200-W-12	200-W-12, 201-W Soil Mound and Plastic Pipe	Dumping Area	
200-W-14	200-W-14, 200 West Heavy Equipment Storage Area	Dumping Area	
200-W-21	200-W-21, 204-T Unloading Station, T-Plant Waste Railcar Unloading Facility	Pump Station	
200-W-22	200-W-22, 203-S/204-S/205-S Stabilized Area	Unplanned Release	
200-W-33	200-W-33, Solid Waste Dumping Area, Debris near 609 gate	Dumping Area	
200-W-51	200-W-51, Septic Tank (Abandoned)	Septic Tank	
200-W-53	200-W-53, UPR-200-W-166, UN-216-W-31	Unplanned Release	
200-W-54	200-W-54, Contamination Migration from 241-SX Tank Farm	Unplanned Release	
200-W-55	200-W-55, Dumping Area North of 231-Z	Dumping Area	
200-W-63	200-W-63, Contaminated Concrete Pad	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-MG-1 (continued)			
200-W-64	200-W-64, 2724-W Contaminated Laundry Facility Building Foundation	Foundation	
200-W-67	200-W-67, Contaminated Soil at the Corner of Cooper and 16th Street	Unplanned Release	
200-W-75	200-W-75, Radiological Logging System (RLS) Calibration Silos	Silo	
200-W-80	200-W-80; Mound of Contaminated Soil Southwest of T Plant	Spoils Pile/Berm	
200-W-81	200-W-81; Contaminated Tumbleweed Fragments Along Railroad Track East of 218-W-3AE	Unplanned Release	
200-W-82	200-W-82, Risers East of 216-TY-201 and 216-T-26, 216-T-27, and 216-T-28 Cribs, Crib Unloading Station	Product Piping	
200-W-83	200-W-83, Contamination Area North of 2727W	Unplanned Release	
200-W-86	200-W-86, Contamination Area Around Light Pole	Unplanned Release	
200-W-90	200-W-90, Underground Radioactive Material Areas posted along 23rd Street in 200 West Area	Unplanned Release	
200-W-92	200-W-92, Contaminated Mound of Soil and Debris, Soil Mound West of 241-TY Tank Farm	Dumping Area	
200-W-101	200-W-101, Contaminated Material West of 216-S-12 Crib	Dumping Area	
200-W-106	200-W-106, Soil Contamination Area Adjacent to 200-W-55	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-MG-1 (continued)			
218-W-7	218-W-7, 222-S Vault	Burial Ground	
218-W-8	218-W-8, 222-T Vault	Burial Ground	
218-W-9	218-W-9, Dry Waste Burial Ground No. 9, Non-TRU Dry Waste No. 009	Burial Ground	
231-W-151	231-W-151, 231-W-151 Vault, 231-W-151-001 (Tank), 231-W-151-002 (Tank), 231-W-151 Sump, 231-Z-151 Sump, IMUST, Inactive Miscellaneous Underground Storage Tank (See Subsites)	Receiving Vault	
231-W-151:1	231-W-151:1, 231-W-151-001		
231-W-151:2	231-W-151:2, 231-W-151-002		
2607-W1*	2607-W1	Septic Tank	
2607-W3	2607-W3	Septic Tank	
2607-W4	2607-W4, T Plant Septic Tank and Drain Field	Septic Tank	
2607-W6*	2607-W6	Septic Tank	
2607-W8	2607-W8	Septic Tank	
2607-W9	2607-W9, 2707-SX Septic Tank	Septic Tank	
2607-WC*	2607-WC, 2607-WC Septic System	Septic Tank	
2607-WL	2607-WL, 2607-WL Septic System	Septic Tank	
2607-WZ	2607-WZ	Septic Tank	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-MG-1 (continued)			
216-Z-4	216-Z-4, 231-W-3 Pit, 231-W-3 Sump, 231-W-3 Crib, 216-Z-3, 216-Z-4 Crib	Trench	
216-Z-6	216-Z-6, 231-W-4 Crib, 231-Z-6, 216-W-4, 231-W Crib, 216-Z-4, 216-Z-6 & 6A Crib	Crib	
2607-Z	2607-Z	Septic Tank	
2607-Z1	2607-Z1, Septic Tank and Drainfield	Septic Tank	
600-OCL	600-OCL, 600-Area Original Central Landfill, Original CLF	Sanitary Landfill	
600-36	600-36, Ethel Railroad Siding (Burn Pit)	Burn Pit	
600-37	600-37, Browns Wells, Johnson's Wells	French Drain	
600-38	600-38, Railroad Siding Susie, 600-25, Susie Junction	Dumping Area	
600-40	600-40, West of West Lake Dumping Area	Dumping Area	
600-51	600-51, Chemical Dump, Pile of White Powder	Dumping Area	
600-65	600-65, 607 Batch Plant Drum Site	Dumping Area	
600-66	600-66, 607 Batch Plant Orphan Drums	Dumping Area	
600-70	600-70, Solid Waste Management Unit (SWMU) #2 - Miscellaneous Solid Waste	Dumping Area	
600-71	600-71, 607 Batch Plant Burn Pit	Burn Pit	
600-218	600-218, H-61-H Anti-Aircraft Artillery Site Dumping Area	Dumping Area	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-MG-1 (continued)			
600-220	600-220, H-51 Anti-Aircraft Artillery Site Dumping Area	Dumping Area	
600-222	600-222, H-60 Gun Site	Military Compound	
600-226	600-226, Gun Site H-42 Dumping Area	Dumping Area	
600-228	600-228, H-40 Gun Site Dumping Area	Dumping Area	
600-262	600-262, West Lake Test Crib	Crib	
600-275	600-275, 218-W-14, Igloo Site, Army Ammo Site, Regulated Storage Area	Foundation	
600-281	600-281, Scattered Debris South of Army Loop Road	Dumping Area	
CTFN 2703-E	CTFN 2703-E, Chemical Tile Field North of 2703-E	Drain/Tile Field	
OCSA	OCSA, Old Central Shop Area, Central Shop Area	Foundation	
UPR-200-E-2	UPR-200-E-2, UN-200-E-2, Spotty Contamination Around the B and T Plant Stacks	Unplanned Release	
UPR-200-E-10	UPR-200-E-10, Contaminated Purex Railroad Spur, UN-200-E-10	Unplanned Release	
UPR-200-E-11	UPR-200-E-11, Railroad Track Contamination Spread, UN-200-E-11	Unplanned Release	
UPR-200-E-12	UPR-200-E-12, Contaminated Purex Railroad Spur, UN-200-E-12	Unplanned Release	
UPR-200-E-20	UPR-200-E-20, Contaminated Purex Railroad Spur, UN-200-E-20	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
~~200-MG-1 (continued)~~			
~~UPR-200-E-28~~	~~UPR-200-E-28, Contamination Release Inside the PUREX Exclusion Area, UN-200-E-28~~	~~Unplanned Release~~	
~~UPR-200-E-33~~	~~UPR-200-E-33, Contaminated Purex Railroad tracks, UN-200-E-33~~	~~Unplanned Release~~	
~~UPR-200-E-35~~	~~UPR-200-E-35, Buried Contaminated Pipe, UN-218-E-1, 218-E-13~~	~~Unplanned Release~~	
~~UPR-200-E-37~~	~~UPR-200-E-37, Contamination East of Hot Semi-Works, UN-200-E-37, UN-216-E-37~~	~~Unplanned Release~~	
~~UPR-200-E-39~~	~~UPR-200-E-39, Release from 216-A-36B Crib Sampler (295-A), UN-200-E-39~~	~~Unplanned Release~~	
~~UPR-200-E-43~~	~~UPR-200-E-43, Road Contamination near 241-BY Tank Farm, UN-200-E-43~~	~~Unplanned Release~~	
~~UPR-200-E-50~~	~~UPR-200-E-50, Soil Contamination at the Overground Equipment Storage Yard, UN-200-E-50~~	~~Unplanned Release~~	
~~UPR-200-E-52~~	~~UPR-200-E-52, UN-200-E-52, Contamination Spread Outside the North Side of 221-B~~	~~Unplanned Release~~	
~~UPR-200-E-54~~	~~UPR-200-E-54, UN-200-E-54, Contamination Outside 225-B Doorway~~	~~Unplanned Release~~	
~~UPR-200-E-55~~	~~UPR-200-E-55, UN-200-E-55, Contamination Spread South of B Plant~~	~~Unplanned Release~~	
~~UPR-200-E-62~~	~~UPR-200-E-62, Transportation Spill near 200-E Burning Ground, UN-216-E-62, UN-200-E-62~~	~~Unplanned Release~~	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
~~200-MG-1 (continued)~~			
~~UPR-200-E-64~~	~~UPR-200-E-64, Radioactive Soil and Ant Hills, UN-200-E-64, UN-216-E-36~~	~~Unplanned Release~~	
~~UPR-200-E-66~~	~~UPR-200-E-66, 216-A-42 Basin Contamination Release, UN-216-E-66, UN-200-E-66~~	~~Unplanned Release~~	
~~UPR-200-E-69~~	~~UPR-200-E-69, UN-216-E-69, Railroad Car Flush Water Radioactive Spill, UN-200-E-69~~	~~Unplanned Release~~	
~~UPR-200-E-88~~	~~UPR-200-E-88, TC-4 Spur Contaminated Railroad Track, UN-216-E-88, UN-216-E-16, UN-200-E-88. Ground Contamination Around the Western Purex Railroad Spur~~	~~Unplanned Release~~	
~~UPR-200-E-89~~	~~UPR-200-E-89, UN-216-E-17, UN-200-E-89, Contamination Migration to the North, East & West of BX-BY Tank Farms~~	~~Unplanned Release~~	
~~UPR-200-E-95~~	~~UPR-200-E-95, UN-216-E-23, UN-200-E-95, Ground Contamination Around RR Spur Between 218-E-2A and 218-E-2~~	~~Unplanned Release~~	
~~UPR-200-E-98~~	~~UPR-200-E-98, UN-216-E-26, Ground Contamination East of C Plant (Hot Semi Works), UN-200-E-98~~	~~Unplanned Release~~	
~~UPR-200-E-101~~	~~UPR-200-E-101, UN-216-E-30, UN-216-E-101, UN-200-E-101, Radioactive Spill Near 242-B Evaporator~~	~~Unplanned Release~~	
~~UPR-200-E-112~~	~~UPR-200-E-112, UN-200-E-112, Contaminated Railroad Track from B-Plant to the Burial Ground~~	~~Unplanned Release~~	
~~UPR-200-E-143~~	~~UPR-200-E-143, Contamination Adjacent to 244-A Lift Station, UN-216-E-43~~	~~Unplanned Release~~	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-MG-1 (continued)			
UPR-200-W-3	UPR-200-W-3, Railroad Contamination, UN-200-W-3	Unplanned Release	
UPR-200-W-4	UPR-200-W-4, Railroad Contamination, UN-200-W-4	Unplanned Release	
UPR-200-W-23	UPR-200-W-23, Waste Box Fire at 234-5Z, UN-200-W-23	Unplanned Release	
UPR-200-W-39	UPR-200-W-39, UN-200-W-39, 224-U Buried Contamination Trench	Unplanned Release	
UPR-200-W-41	UPR-200-W-41, Railroad Contamination, UN-200-W-41, REDOX Railroad Cut Contamination	Unplanned Release	
UPR-200-W-43	UPR-200-W-43, Contaminated Blacktop East of 233-S, UN-200-W-43	Unplanned Release	
UPR-200-W-44	UPR-200-W-44, Railroad Track Contamination, UN-200-W-44	Unplanned Release	
UPR-200-W-46	UPR-200-W-46, Contaminated Railroad Track, H-2 Centrifuge Burial, UN-200-W-46	Unplanned Release	
UPR-200-W-51	UPR-200-W-51, Release from 241-S Diversion Box, UN-200-W-51, UPR-200-W-52	Unplanned Release	
UPR-200-W-56	UPR-200-W-56, Contamination at the REDOX Column Carrier Trench, UN-200-W-56	Unplanned Release	
UPR-200-W-57	UPR-200-W-57, UPR-200-E-120 (error in area number assignment), UN-200-W-57, 233-S Fire	Unplanned Release	
UPR-200-W-58	UPR-200-W-58, Railroad Track Contamination, UN-200-W-58	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
~~200-MG-1 (continued)~~			
~~UPR-200-W-61~~	~~UPR-200-W-61, REDOX Ground Contamination, UN-200-W-61~~	~~Unplanned Release~~	
~~UPR-200-W-63~~	~~UPR-200-W-63, Road Contamination along the South Shoulder of 23rd Street, UN-200-W-63~~	~~Unplanned Release~~	
~~UPR-200-W-65~~	~~UPR-200-W-65, Contamination in the T-Plant Railroad Cut, UN-200-W-65~~	~~Unplanned Release~~	
~~UPR-200-W-67~~	~~UPR-200-W-67, Contamination near 2706-T, UN-200-W-67~~	~~Unplanned Release~~	
~~UPR-200-W-70~~	~~UPR-200-W-70, Contamination Found at the 200 West Burning Ground East of Beloit Ave.~~	~~Unplanned Release~~	
~~UPR-200-W-71~~	~~UPR-200-W-71, UN-200-W-71, Contamination Spread along 16th Street~~	~~Unplanned Release~~	
~~UPR-200-W-73~~	~~UPR-200-W-73, Contaminated Railroad Track at 221-T, UN-200-W-73~~	~~Unplanned Release~~	
~~UPR-200-W-96~~	~~UPR-200-W-96, UN-216-W-4, 233-S Floor Overflow, 233-SA Floor Overflow~~	~~Unplanned Release~~	
~~UPR-200-W-101~~	~~UPR-200-W-101, UN-216-W-9, 221-U Acid Spill R-1 through R-9, UN-200-W-101~~	~~Unplanned Release~~	
~~UPR-200-W-116~~	~~UPR-200-W-116, UN-216-W-26, Ground Contamination North of 202-S, UN-200-W-116~~	~~Unplanned Release~~	
~~UPR-200-W-165~~	~~UPR-200-W-165, Contamination Area East of 241-S, UN-216-W-30~~	~~Unplanned Release~~	
~~UPR-600-12~~	~~UPR-600-12, UN-600-12, UNH Spill to Route 4S~~	~~Unplanned Release~~	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-MG-1 (continued)			
UPR-600-21	UPR-600-21, Contamination found Northeast of 200 East Area, UN-216-E-31	Unplanned Release	
200-MG-2	**EPA**	**CPP**	
207-A-NORTH	207-A-NORTH, 207-A, 207-A Retention Basin, 207-A-NORTH Retention Basin, 207-A North	Retention Basin	
216-A-11	216-A-11 French Drain, Miscellaneous Stream #465	French Drain	
216-A-12	216-A-12, Miscellaneous Stream #463	French Drain	
216-A-13	216-A-13, 216-A-13 French Drain, Miscellaneous Stream #460	French Drain	
216-A-14	216-A-14, French Drain - Vacuum Cleaner Filter Pit, Miscellaneous Stream #462	French Drain	
216-A-22	216-A-22, 216-A-22 French Drain, 216-A-22 Crib	Crib	
216-A-26	216-A-26, 216-A-26 French Drain, 216-A-26B, Miscellaneous Stream #464	French Drain	
216-A-26A	216-A-26A, 216-A-25 Crib, 216-A-26 French Drain, 291-A French Drain	French Drain	
216-A-32	216-A-32, 216-A-32 Crib	Crib	
216-A-33	216-A-33, 216-A-33 Dry Well, 216-A-26B	French Drain	
216-A-35	216-A-35 French Drain, 216-A-35 Dry Well	French Drain	
216-A-38-1	216-A-38-1, 216-A-38 Crib (See Subsites)	Crib	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-MG-2 (continued)			
216-A-41	216-A-41, Crib, 291-AR Stack Drain, 296-A-13 Stack Drain	Crib	
216-B-13	216-B-13, 216-B-13 French Drain, 291-B Crib, 216-B-B, 216-B-13 Crib	French Drain	
216-B-51	216-B-51, 216-BY-9 Crib	French Drain	
216-C-4	216-C-4, 216-C-4 Crib	Crib	
2704-C-WS-1	2704-C-WS-1, 2704-C French Drain, Gatehouse French Drain	French Drain	
200-E-4	200-E-4, Critical Mass Laboratory Dry Well North, 209-E North Dry Well, Miscellaneous Stream #730	French Drain	
200-E-25	200-E-25, 272-BB French Drain, Insulation Shop French Drain, Miscellaneous Stream #659	French Drain	
200-E-55	200-E-55, Effluent Drain East of 291-B Sand Filter, Miscellaneous Stream #322	French Drain	
200-E-65	200-E-65, 202A Building Steam Condensate, Miscellaneous Stream #466 Injection Well (R)	Injection/Reverse Well	
200-E-67	200-E-67, 202A Building Steam Condensate, Miscellaneous Stream #494	Injection/Reverse Well	
200-E-68	200-E-68, 291A Control House Steam Condensate, Miscellaneous Stream #59, Injection Well (L)	Injection/Reverse Well	
200-E-70	200-E-70, Line #8801 Steam Condensate, Miscellaneous Stream #64, Injection Well (Q)	Injection/Reverse Well	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
~~200-MG-2 (continued)~~			
~~200-E-71~~	~~200-E-71, Line #8801 Steam Condensate, Miscellaneous Stream #63, Injection Well (O)~~	~~Injection/Reverse Well~~	
~~200-E-73~~	~~200-E-73, Line #8801 Steam Condensate, Miscellaneous Stream #61, Injection Well (M)~~	~~Injection/Reverse Well~~	
~~200-E-74~~	~~200-E-74, Line #8801 Steam Condensate, Miscellaneous Stream #62, Injection Well (N)~~	~~Injection/Reverse Well~~	
~~200-E-77~~	~~200-E-77, Line #8801 Steam Condensate, Miscellaneous Stream #65, Injection Well (S)~~	~~Injection/Reverse Well~~	
~~200-E-79~~	~~200-E-79, Line #8801 Steam Condensate, Miscellaneous Stream #66, Injection Well (T)~~	~~Injection/Reverse Well~~	
~~200-E-84~~	~~200-E-84, 202A Building Steam Condensate, Miscellaneous Stream #58, Injection Well (C)~~	~~Injection/Reverse Well~~	
~~209-E-WS-2~~	~~209-E-WS-2, Critical Mass Lab French Drain~~	~~French Drain~~	
~~207-S~~	~~207-S, REDOX Retention Basin, 207-S Retention Basin~~	~~Retention Basin~~	
~~216-S-12~~	~~216-S-12, UPR-200-W-30, 291-S Stack Wash Sump, REDOX Stack Flush Trench~~	~~Trench~~	
~~216-S-18~~	~~216-S-18, 241-SX Steam Cleaning Pit, 216-S-14 Steam Cleaning Pit~~	~~Trench~~	
~~216-S-25~~	~~216-S-25, 216-S-25 Crib~~	~~Crib~~	
~~216-SX-2~~	~~216-SX-2, 216-SX-2 Crib~~	~~Crib~~	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
~~200-MG-2 (continued)~~			
~~207-T~~	~~207-T, T Plant Retention Basin, 207-T, 207-T Retention Basin~~	~~Retention Basin~~	
~~216-T-1~~	~~216-T-1, 221-T Ditch, 221-T Trench, 216-T-1 Trench~~	~~Ditch~~	
~~216-T-4-1D~~	~~216-T-4-1D, 216-T-4 Ditch, 216-T-4 Swamp~~	~~Ditch~~	
~~216-T-4-2~~	~~216-T-4-2, 216-T-4-2 Ditch~~	~~Ditch~~	
~~216-T-9~~	~~216-T-9, Decontamination Trenches, Equipment Decontamination Area~~	~~Trench~~	
~~216-T-10~~	~~216-T-10, Decontamination Trenches, Equipment Decontamination Area~~	~~Trench~~	
~~216-T-11~~	~~216-T-11, Decontamination Trenches, Equipment Decontamination Area~~	~~Trench~~	
~~216-T-12~~	~~216-T-12, 207-T Sludge Grave, 207-T Sludge Pit, 216-T-11~~	~~Trench~~	
~~216-T-13~~	~~216-T-13, 269-W Regulated Garage, 269-W Decontamination Pit or Trench, 216-T-12, 269-W Regulated Garage Decontamination Pit~~	~~Trench~~	
~~216-T-29~~	~~216-T-29, 291-T Sand Filter Sewer, 216-T-29 French Drain~~	~~French Drain~~	
~~216-T-31~~	~~216-T-31, 216-T-31 French Drain~~	~~French Drain~~	
~~216-T-33~~	~~216-T-33, 216-T-33 Crib~~	~~Crib~~	
~~207-U*~~	~~207-U, 207-U Retention Basin~~	~~Retention Basin~~	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
~~**200-MG-2 (continued)**~~			
~~216-U-3~~	~~216-U-3, 216-U-11, 216-U-3 French Drain~~	~~French Drain~~	
~~216-U-7~~	~~216-U-7, 221-U Counting Box French Drain, 221-U Vessel Vent Blower Pit French Drain~~	~~French Drain~~	
~~216-U-13~~	~~216-U-13, 216-U-13 Cribs, 216-U-13, Vehicle Steam Cleaning Pit~~	~~Trench~~	
~~216-U-14~~	~~216-U-14, 216-U-14 Ditch, Laundry Ditch~~	~~Ditch~~	
~~200-W-107~~	~~200-W-107, Miscellaneous Stream #685, 222-U Building Stormwater Runoff~~	~~Injection/Reverse Well~~	
~~200-W-108~~	~~200-W-108, Miscellaneous Stream #687, 222-U Building Stormwater Runoff~~	~~Injection/Reverse Well~~	
~~200-W-109~~	~~200-W-109, Miscellaneous Stream #521, 222-U Building Stormwater Runoff~~	~~Injection/Reverse Well~~	
~~200-W-111~~	~~200-W-111, Miscellaneous Stream #394, 222-U Building Stormwater Runoff~~	~~Injection/Reverse Well~~	
~~200-W-118~~	~~200-W-118, Miscellaneous Stream #141, Steam Condensate MSS-TRP-006~~	~~Injection/Reverse Well~~	
~~207-Z~~	~~207-Z, 207-Z Retention Basin, 241-Z Retention Basin, 241-Z-RB~~	~~Retention Basin~~	
~~216-Z-13*~~	~~216-Z-13, 234-5 Dry Well #1, 216-Z-13 Dry Well, Miscellaneous Stream #261, 216-Z-13 A and B~~	~~French Drain~~	
~~216-Z-14*~~	~~216-Z-14, 234-5 Dry Well #2, 216-Z-14 Dry Well, Miscellaneous Stream #262, 216-Z-14 A and B~~	~~French Drain~~	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-MG-2 (continued)			
216-Z-15	216-Z-15, 234-5 Dry Well #3, 216-Z-15 Dry Well, Miscellaneous Stream #263	French Drain	
216-W-LWC	216-W-LWC, 216-W-LC, Laundry Waste Crib, 216-W-LWC Crib, 216-W-1	Crib	
UPR-200-E-9	UPR-200-E-9, Liquid Overflow at 216-BY-201, UN-200-E-9	Unplanned Release	
UPR-200-E-17	UPR-200-E-17, Overflow at 216-A-22, UN-200-E-17	Unplanned Release	
UPR-200-W-103	UPR-200-W-103, 216-Z-18 Line Break, UN-216-W-13, UN-200-W-103, Pipe Line Leak	Unplanned Release	
UPR-200-W-111	UPR-200-W-111, Sludge Trench at 207-U, UN-216-W-21	Unplanned Release	
UPR-200-W-112	UPR-200-W-112, Sludge Trench at 207-U, UN-216-W-22	Unplanned Release	
UPR-200-W-138	UPR-200-W-138, 221-U Vessel Vent Blower Pit French Drain, UN-216-W-11, UN-200-W-138, UN-200-W-22, UPR-200-W-22	Unplanned Release	
200-MW-1	**EPA**	**CPP**	
216-A-2	216-A-2, 216-A-2 Cavern	Crib	
216-A-4	216-A-4, 216-A-4 Cavern	Crib	
216-A-21	216-A-21	Crib	
216-A-27	216-A-27	Crib	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
~~**200-MW-1 (continued)**~~			
~~216-B-4~~	~~216-B-4, 216-B-4 French Drain, 216-B-4 Dry Well~~	~~Injection/Reverse Well~~	
~~216-C-2~~	~~216-C-2, 291-C Dry Well, 216-C-2 Dry Well~~	~~Injection/Reverse Well~~	
~~299-E24-111~~	~~299-E24-111, Experimental Test Well Site~~	~~Injection/Reverse Well~~	
~~216-Z-21~~	~~216-Z-21, 216-Z-21 Seepage Basin, PFP Cold Waste Pond~~	~~Pond~~	
~~616-WS-1*~~	~~616-WS-1, 616 NDWSF French Drain~~	~~French Drain~~	
200-OA-1	**EPA**	**CPP**	
216-B-3-1	216-B-3-1, B Swamp Ditch, 216-B-2, 216-B-3 Ditch, 216-B-2E	Ditch	
216-B-3-2	216-B-3-2, 216-B Ditch, 216-B-1 Ditch, B Swamp Ditch, 216-B-2-2E	Ditch	
216-B-3-3**	216-B-3-3, B Swamp Ditch, 216-B-3-3 Ditch	Ditch	
200 CP	200 CP, 200 Area Construction Pit, 200 Area Construction Waste Site, Hanford Site Gravel Pit 29	Depression/Pit (nonspecific)	
200-E-1	200-E-1, 284-E Landfill	Dumping Area	
200-E-2	200-E-2, Soil Stains at the 2101-M SW Parking Lot, MO-234 parking Lot	Unplanned Release	
200-E-7	200-E-7, 2607-EO Septic Tank & Tile Field	Septic Tank	
200-E-46	200-E-46, RCRA Permit General Inspection #200EFY96 Item #3	Dumping Area	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-OA-1 (continued)			
200-E-101	200-E-101, 200 East Deep Lysimeter Site	Depression/Pit (nonspecific)	
200-E-110	200-E-110, Contaminated Tumbleweed Dump Site	Dumping Area	
2607-E1*	2607-E1	Septic Tank	
216-N-8	216-N-8, West Lake, West Pond, 216-N-8 Pond, Honeyhill Pond, Seepage Pond	Pond	
216-S-10D**	216-S-10D, 216-S-10D Ditch, 202 Chemical Sump #1 and Ditch, Chemical Sewer Trench, Open Ditch to the Chemical Sewer Trench, 216-S-10 Ditch	Ditch	
216-S-10P**	216-S-10P, 216-S-10P Pond, 202-S Chemical Sump #1 and Ditch, Chemical Sewer Trench	Pond	
216-S-11	216-S-11, 202-S Chemical Sump #2, Chemical Sewer Trenches, 216-S-11 Swamp	Pond	
216-S-16D	216-S-16D, 202-S Swamp (New) and Ditch, 202-S Swamp #1, REDOX Pond #2, 216-S-24 Ditch	Ditch	
216-S-19	216-S-19, 222-S Lab Swamp, 216-SL-1, REDOX Lab Swamp, 216-S-19 Pond	Pond	
216-S-26	216-S-26, 216-S-19 Replacement Facility, 216-S-26 Crib	Crib	
216-T-1	216-T-1, 221-T Ditch, 221-T Trench, 216-T-1 Trench	Ditch	
200-W-3	200-W-3, 2713-W North Parking Lot, 220-W-1	Dumping Area	
200-W-33	200-W-33, Solid Waste Dumping Area, Debris near 609 gate	Dumping Area	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-OA-1 (continued)			
200-W-64	200-W-64, 2724-W Contaminated Laundry Facility Building Foundation	Foundation	
200-W-102-PL	200-W-102-PL, Pipeline from Laundry/Powerhouse to 216-U-14 Ditch, 200-W-102	Radioactive Process Sewer	
200-W ADB	200-W ADB, 200-W Ash Disposal Basin	Coal Ash Pit	
200-W BP*	200-W BP, 200-W Burning Pit, Pit 34	Burn Pit	
216-W-LWC	216-W-LWC, 216-W-LC, Laundry Waste Crib, 216-W-LWC Crib, 216-W-1	Crib	
218-W-6**	218-W-6 Burial Ground	Burial Ground	
2607-W1*	2607-W1	Septic Tank	
2607-WL	2607-WL, 2607-WL Septic System	Septic Tank	
616-WS-1*	616-WS-1, 616 NDWSF French Drain	French Drain	
600 OCL	600 OCL, 600 Area Original Central Landfill, Original CLF	Sanitary Landfill	
600-36	600-36, Ethel Railroad Siding (Burn Pit)	Burn Pit	
600-37	600-37, Browns Wells, Johnson's Wells	French Drain	
600-38	600-38, Railroad Siding Susie, 600-25, Susie Junction	Dumping Area	
600-40	600-40, West of West Lake Dumping Area	Dumping Area	
600-51	600-51, Chemical Dump, Pile of White Powder	Dumping Area	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-OA-1 (continued)			
600-65	600-65, 607 Batch Plant Drum Site	Dumping Area	
600-66	600-66, 607 Batch Plant Orphan Drums	Dumping Area	
600-71	600-71, 607 Batch Plant Burn Pit	Burn Pit	
600-218	600-218, H-61-H Anti-Aircraft Artillery Site Dumping Area	Dumping Area	
600-220	600-220, H-51 Anti-Aircraft Artillery Site Dumping Area	Dumping Area	
600-222	600-222, H-60 Gun Site	Military Compound	
600-226	600-226, Gun Site H-42 Dumping Area	Dumping Area	
600-228	600-228, H-40 Gun Site Dumping Area	Dumping Area	
600-262	600-262, West Lake Test Crib	Crib	
600-275	600-275, 218-W-14, Igloo Site, Army Ammo Site, Regulated Storage Area	Foundation	
600-281	600-281, Scattered Debris South of Army Loop Road	Dumping Area	
CTFN 2703-E	CTFN 2703-E, Chemical Tile Field North of 2703-E	Drain/Tile Field	
OCSA	OCSA, Old Central Shop Area, Central Shop Area	Foundation	
UPR-200-E-11	UPR-200-E-11, Railroad Track Contamination Spread, UN-200-E-11	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-OA-1 (continued)			
UPR-200-E-83	UPR-200-E-83, UN-216-E-11, BC Cribs Controlled Area, UN-200-E-83	Unplanned Release	
UPR-200-W-8	UPR-200-W-8, UN-200-W-8, 200-W-5, Old Burial/Burning Pit, U-Plant Burning Pit/Burial Ground	Unplanned Release	
UPR-200-W-58	UPR-200-W-58, Railroad Track Contamination, UN-200-W-58	Unplanned Release	
UPR-200-W-70	UPR-200-W-70, Contamination Found at the 200 West Burning Ground East of Beloit Ave.	Unplanned Release	
UPR-600-12	UPR-600-12, UN-600-12, UNH Spill to Route 4S	Unplanned Release	
UPR-600-20	UPR-600-20, UN-216-E-41, Cross Country Transfer Line	Unplanned Release	
UPR-600-21	UPR-600-21, Contamination found Northeast of 200 East Area, UN-216-E-31	Unplanned Release	
200-PW-1	**EPA**	**CPP**	
216-Z-1&2	216-Z-1&2, 234-5 No. 1 Crib, 216-Z-7, 234-5 No. 2 Crib, 216-Z-1 & 2TF, 216-Z-1 and 216-Z-2 Cribs	Crib	
216-Z-1A	216-Z-1A, 216-Z-1A Tile Field, 216-Z-7, 234-5 Tile Field, 216-Z-1AA, 216-Z-1AB, 216-Z-1AC	Drain/Tile Field	
216-Z-3	216-Z-3, 216-Z-3 Culvert, 216-Z-8, 234-5 No. 3 & 4 Cribs	Crib	
216-Z-9	216-Z-9, 216-Z-9 Cavern, 234-5 Recuplex Cavern, 216-Z-10, 216-Z-9 Crib, 216-Z-9 Trench	Trench	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-PW-1 (continued)			
216-Z-12	216-Z-12, 241-Z-12 Crib	Crib	
216-Z-18	216-Z-18, 216-Z-18 Crib	Crib	
241-Z-361	241-Z-361, 241-Z-361 Settling Tank	Settling Tank	
~~**200-PW-2**~~	~~**Ecology**~~	~~**RPP**~~	
~~216-A-5~~	~~216-A-5, 216-A-5 Cavern~~	~~Crib~~	
~~216-A-10**~~	~~216-A-10, 216-A-10 Crib~~	~~Crib~~	
~~216-A-19~~	~~216-A-19, 216-A-19 Test Hole, 216-A-19 Grave, 216-A-19 Sump, 216-A-19 Crib~~	~~Trench~~	
~~216-A-36A~~	~~216-A-36A, 216-A-36 Crib~~	~~Crib~~	
~~216-A-36B**~~	~~216-A-36B, 216-A-36 Crib, Purex Ammonia Scrubber Distillate (ASD)~~	~~Crib~~	
~~216-B-12~~	~~216-B-12, 216-ER Crib, 216-ER-1,2,3 Cribs~~	~~Crib~~	
~~216-B-60~~	~~216-B-60, 216-B-60 Crib~~	~~Crib~~	
~~216-C-1~~	~~216-C-1, 216-C-1 Crib, 216-C Crib~~	~~Crib~~	
~~216-S-1&2~~	~~216-S-1&2, 216-S-5 Crib, 216-S-1 & 2~~	~~Crib~~	
~~216-S-7~~	~~216-S-7, 216-S-7 Crib 216-S-15~~	~~Crib~~	
~~270-W~~	~~270-W, 270-W Tank, 270-W Neutralization Tank~~	~~Neutralization Tank~~	
~~UPR-200-W-36~~	~~UPR-200-W-36, Groundwater Contamination at 216-S-1 and 216-S-2~~	~~Unplanned Release~~	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-PW-3	**EPA**	**CPP**	
216-A-7	216-A-7, 216-A-7 Cavern	Crib	
216-A-8	216-A-8, 216-A-8 Crib	Crib	
216-A-24	216-A-24	Crib	
216-A-31	216-A-31 Crib	Crib	
UPR-200-E-56	UPR-200-E-56, 216-A-24 Crib Excavation, Excavated Contamination Adjacent to 216-A-24 Crib, UN-200-E-56, UN-216-E-33	Unplanned Release	
~~**200-PW-4**~~	~~**Ecology**~~	~~**RPP**~~	
~~216-A-37-1**~~	~~216-A-37-1, 216-A-37 Crib~~	~~Crib~~	
~~216-A-45~~	~~216-A-45, 216-A-45 Crib~~	~~Crib~~	
~~216-S-23~~	~~216-S-23, 216-S-23 Crib~~	~~Crib~~	
~~**200-PW-5**~~	~~**EPA**~~	~~**CPP**~~	
~~216-B-11A&B~~	~~216-B-11A&B, 216-B-11 Crib, 242-B-1 Crib, 216-B-11A & B~~	~~French Drain~~	
~~216-B-50~~	~~216-B-50, 216-BY-8 Crib, 216-BY-8 Cavern~~	~~Crib~~	
~~216-B-57~~	~~216-B-57, 216-B-57 Enclosed Trench, Hanford Prototype Barrier~~	~~Crib~~	
~~216-B-62~~	~~216-B-62, 216-B-62 Enclosed Trench, 216-B-62 Crib~~	~~Crib~~	
~~216-S-9~~	~~216-S-9~~	~~Crib~~	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
~~**200-PW-5 (continued)**~~			
~~216-S-13~~	~~216-S-13, 276-S Crib, 216-S-6~~	~~Crib~~	
~~216-S-14~~	~~216-S-14, Buried Contaminated Hexone, Cold Organic Trench or Grave, 216-S-4 Burial Contaminated Hexone~~	~~Trench~~	
~~216-S-21~~	~~216-S-21, 216-SX-1, 216-SX-1 Cavern or Crib~~	~~Crib~~	
200-PW-6	**EPA**	**CPP**	
216-Z-5	216-Z-5, 231-W Sumps, 231-W-1 & 2 Cribs	Crib	
216-Z-8	216-Z-8, 234-5 Recuplex French Drain, 216-Z-9, 216-Z-8 Crib	French Drain	
216-Z-10	216-Z-10, 216-Z-2, 231-W Reverse Well, 231-W-150 Dry Well or Reverse Well	Injection/Reverse Well	
241-Z-8	241-Z-8, 241-Z-TK-8, Silica Slurry Tank, 216-Z-8	Settling Tank	
~~**200-SC-1**~~	~~**EPA**~~	~~**CPP**~~	
~~216-A-6~~	~~216-A-6, 216-A-6 Cavern~~	~~Crib~~	
~~216-A-30~~	~~216-A-30, 216-A-30 Crib~~	~~Crib~~	
~~216-A-37-2~~	~~216-A-37-2, 216-A-37-2 Crib~~	~~Crib~~	
~~216-B-55~~	~~216-B-55, 216-B-55 Enclosed Trench, 216-B-55 Crib~~	~~Crib~~	
~~216-B-64~~	~~216-B-64, 216-B-64 Retention Basin, 216-B-64 Trench, 216-B-64 Crib~~	~~Retention Basin~~	
~~216-S-5~~	~~216-S-5, 216-S-5 Cavern #1, 216-S-6 Crib, 216-S-9~~	~~Crib~~	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
~~**200-SC-1 (continued)**~~			
~~216-S-6~~	~~216-S-6, 216-S-6 Cavern #2, 216-S-5 Crib, 216-S-13 Crib~~	~~Crib~~	
~~216-T-36~~	~~216-T-36~~	~~Crib~~	
~~UPR-200-E-19~~	~~UPR-200-E-19, Contamination Release at 216-A-6 Sampler, UN-200-E-19~~	~~Unplanned Release~~	
~~UPR-200-E-21~~	~~UPR-200-E-21, 216-A-6 Overflow, UN-200-E-21~~	~~Unplanned Release~~	
~~UPR-200-E-29~~	~~UPR-200-E-29, 216-A-6 Overflow, UN-200-E-29~~	~~Unplanned Release~~	
200-SW-2	**Ecology**	~~**RPP**~~ **R-CPP**	
216-C-9	216-C-9, 216-C-7 Swamp, Former 221-C Canyon Excavation, 216-C-9 Swamp, Semi-Works Swamp, 216-C-9 C Canyon Excavation Semiworks Swamp	Pond	
218-C-9	218-C-9, Dry Waste No.0C9, 218-C-9 Burial Ground	Burial Ground	
218-E-1	218-E-1, 200 East Dry Waste No. 001	Burial Ground	
218-E-2	218-E-2, 200 East Industrial Waste No. 002, Equipment Burial Ground #2	Burial Ground	
218-E-2A	218-E-2A, Regulated Equipment Storage Site No. 02A, Burial Trench	Burial Ground	
218-E-4	218-E-4, 200 East Minor Construction No. 4, Equipment Burial Ground #4	Burial Ground	
218-E-5	218-E-5, 200 East Industrial Waste No. 05, Equipment Burial Ground #5	Burial Ground	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-SW-2 (continued)			
218-E-5A	218-E-5A, 200 East Industrial Waste No. 005A, Equipment Burial Ground #5A	Burial Ground	
218-E-8	218-E-8, 200 East Construction Burial Grounds	Burial Ground	
218-E-9	218-E-9, 200 East Regulated Equipment Storage Site No. 009, Burial Vault (HISS)	Burial Ground	
218-E-10**	218-E-10, 200 East Industrial Waste No. 10, Equipment Burial Ground #10	Burial Ground	
218-E-12A	218-E-12A, 200 East Dry Waste No. 12A	Burial Ground	
218-E-12B**	218-E-12B, 200 East Dry Waste No. 12B, 218-E-12B Burial Ground - Trench 94	Burial Ground	
216-T-4-2	216-T-4-2, 216-T-4-2 Ditch	Ditch	
216-T-4A	216-T-4A, 216-T-4 Swamp, 216-T-4-1 (P), 216-T-4-1 Pond	Pond	
216-T-4B	216-T-4B, 216-T-4 New Pond, 216-T-4-2 (P), 216-T-4-2 Pond 231 Swamp	Pond	
218-W-1	218-W-1, 200-W Area Dry Waste No. 001, Solid Waste Burial Ground #1	Burial Ground	
218-W-1A	218-W-1A, 200-W Area Industrial Waste Burial Ground #1, Equipment Burial Ground #1	Burial Ground	
218-W-2	218-W-2, 200-W Area Dry Waste No. 002, Dry Waste Burial Ground No. 2	Burial Ground	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-SW-2 (continued)			
218-W-2A	218-W-2A, Industrial Waste No. 02A, Equipment Burial Ground #2	Burial Ground	
218-W-3	218-W-3, Dry Waste No. 003	Burial Ground	
218-W-3A**	218-W-3A, Dry Waste No. 003A	Burial Ground	
218-W-3AE**	218-W-3AE, Industrial Waste No. 3AE, Dry Waste No. 3AE	Burial Ground	
218-W-4A	218-W-4A, Dry Waste No. 04A	Burial Ground	
218-W-4B**	218-W-4B, Dry Waste No. 04B	Burial Ground	
218-W-4C**	218-W-4C, Dry Waste No. 004C	Burial Ground	
218-W-5**	218-W-5, Dry Waste Burial Ground, Low-Level Radioactive Mixed Waste Burial Grounds	Burial Ground	
~~218-W-6**~~	~~218-W-6 Burial Ground~~	~~Burial Ground~~	
218-W-11	218-W-11, Regulated Storage Site	Burial Ground	
~~**200-TW-1**~~	~~**EPA**~~	~~**CPP**~~	
~~216-B-42~~	~~216-B-42, 241-BX-8 Grave, 216-BX-8 Trench, 216-B-42 Trench~~	~~Trench~~	
~~216-B-43~~	~~216-B-43, 216-BY-1 Crib, 216-BY-1 Cavern~~	~~Crib~~	
~~216-B-44~~	~~216-B-44, 216-BY-2 Crib, 216-BY-2 Cavern~~	~~Crib~~	
~~216-B-45~~	~~216-B-45, 216-BY-3 Crib, 216-BY-3 Cavern~~	~~Crib~~	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
~~**200-TW-1 (continued)**~~			
~~216-B-46~~	~~216-B-46, 216-BY-4 Crib, 216-BY-4 Cavern~~	~~Crib~~	
~~216-B-47~~	~~216-B-47, 216-BY-5 Crib, 216-BY-5 Cavern~~	~~Crib~~	
~~216-B-48~~	~~216-B-48, 216-BY-6 Crib, 216-BY-6 Cavern~~	~~Crib~~	
~~216-B-49~~	~~216-B-49, 216-BY-7 Crib, 216-BY-7 Cavern~~	~~Crib~~	
~~216-BY-201~~	~~216-BY-201, 241-BY Flush Tank, 216-BY-47, Supernatant Disposal Flush Tank~~	~~Settling Tank~~	
~~216-T-18~~	~~216-T-18, Test Crib for 221-U Building, Scavenged TBP Waste, 216-T-17, 241-T-17 Crib~~	~~Crib~~	
~~216-T-19~~	~~216-T-19, 241-TX-153 Crib and Tile Field, 216-TX-1, 241-TX-3, 216-T-19TF~~	~~Crib~~	
~~216-T-26~~	~~216-T-26, 216-TY-1 Cavern, 216-TY-1 Crib, 241-TX-1 Cavern, 216-TX-1 Crib~~	~~Crib~~	
~~**200-TW-2**~~	~~**Ecology**~~	~~**RPP**~~	
~~216-B-5~~	~~216-B-5, 241-B-361 Reverse Well, 241-B-361 Dry Well, 241-B-5 Dry Well~~	~~Injection/Reverse Well~~	
~~216-B-7A&B~~	~~216-B-7A&B, 241-B-201 Crib, 216-B-7 Crib, 216-B-7A Sump, 216-B-7B Sump, 241-B-1 and 2 Cribs, 216-B-7A & B~~	~~Crib~~	
~~216-B-8~~	~~216-B-8, 241-B-3 Crib, 216-B-8, 216-B-8TF~~	~~Crib~~	
~~216-B-9~~	~~216-B-9, 241-B-361 Crib, 5-6 Crib and Tile Field, 216-B-361 Crib, 216-B-9TF~~	~~Crib~~	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-TW-2 (continued)			
216-B-35	216-B-35, 241-BX-1 Grave, 216-BX-1 Trench, 216-B-35 Trench	Trench	
216-B-36	216-B-36, 241-BX-2 Grave, 216-BX-2 Trench, 216-B-36 Trench	Trench	
216-B-37	216-B-37, 241-BX-3 Grave, 216-BX-3 Trench, 216-B-37 Trench	Trench	
216-B-38	216-B-38, 241-BX-4 Grave, 216-BX-4 Trench, 216-B-38 Trench	Trench	
216-B-39	216-B-39, 241-BX-5 Grave, 216-BX-5 Trench, 216-B-39 Trench	Trench	
216-B-40	216-B-40, 241-BX-6 Grave, 241-BX-6 Trench, 216-B-40 Trench, 216-BX-6 Trench	Trench	
216-B-41	216-B-41, 241-BX-7 Grave, 216-BX-7 Trench, 216-B-41 Trench	Trench	
241-B-361	241-B-361, 241-B-361 Settling Tank	Settling Tank	
216-T-3	216-T-3, 241-T-361-A Reverse Well, 361-T Reverse Well	Injection/Reverse Well	
216-T-5	216-T-5, 216-T-5 Grave, 216-T-12, 216-T-5 Trench, 241-T-5 Trench	Trench	
216-T-6	216-T-6, 241-T-361 (1&2 Cribs), 216-T-5, 361-T-1&2 Cribs	Crib	
216-T-7	216-T-7, 216-T-7TF, 216-T-7 Tile Field, 241-T-3 Tile Field	Crib	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-TW-2 (continued)			
216-T-14	216-T-14, 241-T-1 Trench, 216-T-1 Grave, 216-T-13	Trench	
216-T-15	216-T-15, 241-T-2 Trench, 241-T-2 Grave, 216-T-14, 216-T-15 Crib	Trench	
216-T-16	216-T-16, 241-T-3 Trench, 241-T-3 Grave, 216-T-15, 216-T-16 Crib	Trench	
216-T-17	216-T-17, 241-T-4 Trench, 216-T-4 Grave, 216-T-16	Trench	
216-T-21	216-T-21, 241-TX-1 Trench, 216-TX-1 Grave, 216-TX-3	Trench	
216-T-22	216-T-22, 241-TX-2 Trench, 216-TX-2 Grave, 216-TX-4	Trench	
216-T-23	216-T-23, 241-TX-3 Trench, 216-TX-3 Grave, 216-TX-5, 241-TX-3 Grave	Trench	
216-T-24	216-T-24, 241-TX-4 Trench, 216-TX-4 Grave, 216-TX-6	Trench	
216-T-25	216-T-25, 241-TX-5 Trench, 216-TX-5 Grave, 216-TX-7	Trench	
216-T-32	216-T-32, 241-T #1 & 2 Cribs, 216-T-6	Crib	
241-T-361	241-T-361, 241-T-361 Settling Tank, 361-T-TANK	Settling Tank	
200-UR-1	**Ecology**	**RPP**	
200-E-56	200-E-56, 241-C Waste Line Leak adjacent to 201-C, Waste Line Leak #1	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-UR-1 (continued)			
200-E-57	200-E-57, 241-C Waste Line Leak east of 201-C, Waste Line Leak #2	Unplanned Release	
200-W-9	200-W-9, W291 Excavation VCP Contamination	Unplanned Release	
216-N-8	216-N-8, West Lake, West Pond, 216-N-8 Pond, Honeyhill Pond, Seepage Pond	Pond	
UPR-200-E-83	UPR-200-E-83, UN-216-E-11, BC Cribs Controlled Area, UN-200-E-83	Unplanned Release	
UPR-200-E-103	UPR-200-E-103, UN-200-E-103, BCS Line Leak South of R-17 at 221-B	Unplanned Release	
UPR-200-E-144	UPR-200-E-144, Soil Contamination North of 241-B, UN-216-E-44	Unplanned Release	
UPR-200-W-14	UPR-200-W-14, Waste Line Leak at 242-T Evaporator, UN-200-W-14	Unplanned Release	
UPR-200-W-99	UPR-200-W-99, UN-216-W-7, 153-TX Diversion Box Contamination Spread, UN-200-W-99	Unplanned Release	
UPR-200-W-162	UPR-200-W-162, Contaminated Area on East Side of 221-U, UN-216-W-37	Unplanned Release	
UPR-200-W-166	UPR-200-W-166, Contamination Migration from 241-T Tank Farm, UN-216-W-31	Unplanned Release	
200-UW-1	**Ecology**	**RPP**	
200-W-42	200-W-42, U Plant Radioactive Process Sewer from 221-U to 216-U-8 & 216-U-12	Radioactive Process	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
~~200-UW-1 (continued)~~			
~~200-W-71~~	~~200-W-71, Undocumented Trench~~	~~Trench~~	
~~200-W-77~~	~~200-W-77, Posted Contamination Area East of 216-U-14 Ditch~~	~~Unplanned Release~~	
~~200-W-85~~	~~200-W-85, Soil Contamination Area East of 2727-W~~	~~Unplanned Release~~	
~~200-W-87~~	~~200-W-87, Unplanned Release on Chemical Spur Railroad Track Northwest of 221-U~~	~~Unplanned Release~~	
~~200-W-89~~	~~200-W-89, 252-U, U Plant Electrical Substation, C8S17 Substation, U-Cat~~	~~Foundation~~	
~~216-U-1&2~~	~~216-U-1&2, 361-WR (Crib 2), 216-U-3, 216-UR #1&2 Cribs, 216-U-1 & 2~~	~~Crib~~	
~~216-U-4~~	~~216-U-4, 222-U Dry Well, 222-U-110 Dry Well, 216-U-2, 216-U-4 Dry Well~~	~~Injection/Reverse Well~~	
~~216-U-4A~~	~~216-U-4A, 216-U-4 Reverse Well Replacement French Drain, 216-U-4 Dry Well~~	~~French Drain~~	
~~216-U-4B~~	~~216-U-4B, 216-U-4B Dry Well, 216-U-4B French Drain~~	~~French Drain~~	
~~216-U-5~~	~~216-U-5, 216-U-4, 221-U Cold U Trench #2~~	~~Trench~~	
~~216-U-6~~	~~216-U-6, U Facility Unirradiated Uranium Waste Trench, 221-U Cold U Trench, 216-U Cold U Trench #1, 216-U-5, 221-U Cold U Grave #1~~	~~Trench~~	
~~216-U-8~~	~~216-U-8, 216-WR-1,2,3 Cribs, 216-U-9~~	~~Crib~~	
~~216-U-12~~	~~216-U-12, 216-U-12 Crib~~	~~Crib~~	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-UW-1 (continued)			
216-U-15	216-U-15, UN-216-W-10, 388-U Tank Dumping, UPR-200-W-125, UN-200-W-158, U-152 Interface Crud Burial	Trench	
216-U-16	216-U-16, UO3 Crib	Crib	
216-U-17	216-U-17, 216-U-17 Crib	Crib	
241-U-361	241-U-361, 241-U-361 Settling Tank, 361-U-TANK, IMUST, Inactive Miscellaneous Underground Storage Tank	Settling Tank	
2607-W5*	2607-W5, Septic Tank and Drain Field	Septic Tank	
2607-W7	2607-W7, Septic Tank	Septic Tank	
UPR-200-W-8	UPR-200-W-8, UN-200-W-8, 200-W-5, Old Burial/Burning Pit, U-Plant Burning Pit/Burial Ground	Unplanned Release	
UPR-200-W-19	UPR-200-W-19, 241-U-361 Overflow, UN-200-W-19	Unplanned Release	
UPR-200-W-33	UPR-200-W-33, Ground Contamination at 224-U, UN-200-W-33 Crib	Unplanned Release	
UPR-200-W-48	UPR-200-W-48, Contaminated Railroad Track Near 221-U, UN-200-W-48	Unplanned Release	
UPR-200-W-55	UPR-200-W-55, Uranium Powder Spill at 224-U, UN-200-W-55	Unplanned Release	
UPR-200-W-60	UPR-200-W-60, Railroad Contamination, UN-200-W-60	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
~~**200-UW-1 (continued)**~~			
~~UPR-200-W-78~~	~~UPR-200-W-78, UO3 Powder Spill at 224-U, UN-200-W-78~~	~~Unplanned Release~~	
~~UPR-200-W-117~~	~~UPR-200-W-117, Railroad Track Contamination, UN-216-W-27~~	~~Unplanned Release~~	
~~UPR-200-W-118~~	~~UPR-200-W-118, Contamination at 211-U, UN-216-W-28, UN-200-W-118~~	~~Unplanned Release~~	
200-WA-1	**EPA**	**CPP**	
216-B-14	216-B-14, 216-BC-1 Crib	Crib	
216-B-15	216-B-15, 216-BC-2 Crib	Crib	
216-B-16	216-B-16, 216-BC-3 Crib	Crib	
216-B-17	216-B-17, 216-BC-4 Crib	Crib	
216-B-18	216-B-18, 216-BC-5 Crib	Crib	
216-B-19	216-B-19, 216-BC-6 Crib	Crib	
216-B-20	216-B-20, 216-BC-7 Trench, 216-B-20 Trench	Trench	
216-B-21	216-B-21, 216-BC-8 Trench, 216-B-21 Trench	Trench	
216-B-22	216-B-22, 216-BC-9 Trench, 216-B-22 Trench	Trench	
216-B-23	216-B-23, 216-BC-10 Trench, 216-B-23 Trench	Trench	
216-B-24	216-B-24, 216-BC-11 Trench, 216-B-24 Trench	Trench	
216-B-25	216-B-25, 216-BC-12 Trench, 216-B-25 Trench	Trench	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-WA-1 (continued)			
216-B-26	216-B-26, 216-BC-13 Trench, 216-B-26 Trench	Trench	
216-B-27	216-B-27, 216-BC-14 Trench, 216-B-27 Trench	Trench	
216-B-28	216-B-28, 216-BC-15 Trench, 216-B-28 Trench	Trench	
216-B-29	216-B-29, 216-BC-16 Trench	Trench	
216-B-30	216-B-30, 216-BC-17 Trench, 216-B-30 Trench	Trench	
216-B-31	216-B-31, 216-BC-18 Trench, 216-B-31 Trench	Trench	
216-B-32	216-B-32, 216-BC-19 Trench, 216-B-32 Trench	Trench	
216-B-33	216-B-33, 216-BC-20 Trench, 216-B-33 Trench	Trench	
216-B-34	216-B-34, 216-BC-21 Trench	Trench	
216-B-52	216-B-52, 216-B-52 Trench	Trench	
216-B-53A	216-B-53A, 216-B-53A Trench, PRTR Trench	Trench	
216-B-53B	216-B-53B, 216-B-53 Trench, 216-B-53B Trench	Trench	
216-B-54	216-B-54, 216-B-54 Trench	Trench	
216-B-58	216-B-58, 216-B-58 Trench, 216-B-59 Crib	Trench	
200-E-14	200-E-14, 216-BC-201 Siphon Tank, 216-B-201	Storage Tank	
200-E-114-PL	200-E-114-PL, Pipeline From 241-BY Tank Farm to 241-C Tank Farm and BC Cribs Trenches, 2805-E1, 2805-E2, 216-BC-2805	Direct Buried Tank Farm Pipeline	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-WA-1 (continued)			
207-S	207-S, REDOX Retention Basin, 207-S Retention Basin	Retention Basin	
216-S-1&2	216-S-1&2, 216-S-5 Crib, 216-S-1 & 2	Crib	
216-S-4	216-S-4, 216-S-7, 216-S-4 Sump or Crib, UN-216-W-1	French Drain	
216-S-5	216-S-5, 216-S-5 Cavern #1, 216-S-6 Crib, 216-S-9	Crib	
216-S-6	216-S-6, 216-S-6 Cavern #2, 216-S-5 Crib, 216-S-13 Crib	Crib	
216-S-7	216-S-7, 216-S-7 Crib 216-S-15	Crib	
216-S-8	216-S-8, Cold Aqueous Trench, Cold Aqueous Crib, 216-S-3, Unirradiated Uranium Waste Trench, Cold Aqueous Grave	Trench	
216-S-12	216-S-12, UPR-200-W-30, 291-S Stack Wash Sump, REDOX Stack Flush Trench	Trench	
216-S-18	216-S-18, 241-SX Steam Cleaning Pit, 216-S-14 Steam Cleaning Pit	Trench	
216-S-20	216-S-20, 216-SL-1&2 Crib, 216-SL-2	Crib	
216-S-22	216-S-22, 216-S-22 Crib	Crib	
216-S-23	216-S-23, 216-S-23 Crib	Crib	
216-S-25	216-S-25, 216-S-25 Crib	Crib	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-WA-1 (continued)			
207-SL*	207-SL, 222-S Retention Basin, REDOX Lab Retention Basin, 207-SL Retention Basin	Retention Basin	
216-SX-2	216-SX-2, 216-SX-2 Crib	Crib	
207-T	207-T, T Plant Retention Basin, 207-T, 207-T Retention Basin	Retention Basin	
216-T-2	216-T-2, 222-T-110 Dry Well, 222-T Reverse Well	Injection/Reverse Well	
216-T-4-1D	216-T-4-1D, 216-T-4 Ditch, 216-T-4 Swamp	Ditch	
216-T-8	216-T-8, 222-T-1 & 2 Cribs	Crib	
216-T-9	216-T-9, Decontamination Trenches, Equipment Decontamination Area	Trench	
216-T-10	216-T-10, Decontamination Trenches, Equipment Decontamination Area	Trench	
216-T-11	216-T-11, Decontamination Trenches, Equipment Decontamination Area	Trench	
216-T-12	216-T-12, 207-T Sludge Grave, 207-T Sludge Pit, 216-T-11	Trench	
216-T-13	216-T-13, 269-W Regulated Garage, 269-W Decontamination Pit or Trench, 216-T-12, 269-W Regulated Garage Decontamination Pit	Trench	
216-T-20	216-T-20, 216-TX-2, 216-T-20 Crib, 241-TX-155 Contaminated Acid Grave	Trench	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-WA-1 (continued)			
216-T-27	216-T-27, 216-TY-2 Cavern, 216-TY-2 Crib, 216-TX-2 Cavern, 216-TX-2 Crib	Crib	
216-T-28	216-T-28, 216-TY-3 Cavern, 216-TY-3 Crib, 216-TX-3 Cavern, 216-TX-3 Crib	Crib	
216-T-29	216-T-29, 291-T Sand Filter Sewer, 216-T-29 French Drain	French Drain	
216-T-31	216-T-31, 216-T-31 French Drain	French Drain	
216-T-33	216-T-33, 216-T-33 Crib	Crib	
216-T-34	216-T-34	Crib	
216-T-35	216-T-35	Crib	
216-T-36	216-T-36	Crib	
241-T-361	241-T-361, 241-T-361 Settling Tank, 361-T-TANK	Settling Tank	
207-U*	207-U, 207-U Retention Basin	Retention Basin	
216-U-1&2	216-U-1&2, 361-WR (Crib 2), 216-U-3, 216-UR #1&2 Cribs, 216-U-1 & 2	Crib	
216-U-3	216-U-3, 216-U-11, 216-U-3 French Drain	French Drain	
216-U-4	216-U-4, 222-U Dry Well, 222-U-110 Dry Well, 216-U-2, 216-U-4 Dry Well	Injection/Reverse Well	
216-U-4A	216-U-4A, 216-U-4 Reverse Well Replacement French Drain, 216-U-4 Dry Well	French Drain	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-WA-1 (continued)			
216-U-4B	216-U-4B, 216-U-4B Dry Well, 216-U-4B French Drain	French Drain	
216-U-5	216-U-5, 216-U-4, 221-U Cold U Trench #2	Trench	
216-U-6	216-U-6, U Facility Unirradiated Uranium Waste Trench, 221-U Cold U Trench, 216-U Cold U Trench #1, 216-U-5, 221-U Cold U Grave #1	Trench	
216-U-7	216-U-7, 221-U Counting Box French Drain, 221-U Vessel Vent Blower Pit French Drain	French Drain	
216-U-8	216-U-8, 216-WR-1,2,3 Cribs, 216-U-9	Crib	
216-U-12	216-U-12, 216-U-12 Crib	Crib	
216-U-13	216-U-13, 216-U-13 Cribs, 216-U-13, Vehicle Steam Cleaning Pit	Trench	
216-U-14	216-U-14, 216-U-14 Ditch, Laundry Ditch	Ditch	
216-U-15	216-U-15, UN-216-W-10, 388-U Tank Dumping, UPR-200-W-125, UN-200-W-158, U-152 Interface Crud Burial	Trench	
216-U-16	216-U-16, UO3 Crib	Crib	
216-U-17	216-U-17, 216-U-17 Crib	Crib	
241-U-361	241-U-361, 241-U-361 Settling Tank, 361-U-TANK, IMUST, Inactive Miscellaneous Underground Storage Tank	Settling Tank	
200-W-1	200-W-1, REDOX Mud Pit West	Mud Pit	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-WA-1 (continued)			
200-W-2	200-W-2, REDOX Berms West	Spoils Pile/Berm	
200-W-6	200-W-6, 200-W Painter Shop paint solvent disposal area	Dumping Area	
200-W-9	200-W-9, W291 Excavation VCP Contamination	Unplanned Release	
200-W-11	200-W-11, Concrete Foundation South of 241-S, S-Farm Foundation and Dump Site	Dumping Area	
200-W-12	200-W-12, 201-W Soil Mound and Plastic Pipe	Dumping Area	
200-W-14	200-W-14, 200 West Heavy Equipment Storage Area	Dumping Area	
200-W-21	200-W-21, 204-T Unloading Station, T-Plant Waste Railcar Unloading Facility	Pump Station	
200-W-22	200-W-22, 203-S/204-S/205-S Stabilized Area	Unplanned Release	
200-W-42	200-W-42, U Plant Radioactive Process Sewer from 221-U to 216-U-8 & 216-U-12	Radioactive Process	
200-W-51	200-W-51, Septic Tank (Abandoned)	Septic Tank	
200-W-53	200-W-53, UPR-200-W-166, UN-216-W-31	Unplanned Release	
200-W-54	200-W-54, Contamination Migration from 241-SX Tank Farm	Unplanned Release	
200-W-55	200-W-55, Dumping Area North of 231-Z	Dumping Area	
200-W-63	200-W-63, Contaminated Concrete Pad	Unplanned Release	
200-W-67	200-W-67, Contaminated Soil at the Corner of Cooper and 16th Street	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-WA-1 (continued)			
200-W-71	200-W-71, Undocumented Trench	Trench	
200-W-75	200-W-75, Radiological Logging System (RLS) Calibration Silos	Silo	
200-W-77	200-W-77, Posted Contamination Area East of 216-U-14 Ditch	Unplanned Release	
200-W-80	200-W-80; Mound of Contaminated Soil Southwest of T Plant	Spoils Pile/Berm	
200-W-81	200-W-81; Contaminated Tumbleweed Fragments Along Railroad Track East of 218-W-3AE	Unplanned Release	
200-W-82	200-W-82, Risers East of 216-TY-201 and 216-T-26, 216-T-27, and 216-T-28 Cribs, Crib Unloading Station	Product Piping	
200-W-83	200-W-83, Contamination Area North of 2727W	Unplanned Release	
200-W-85	200-W-85, Soil Contamination Area East of 2727 W	Unplanned Release	
200-W-86	200-W-86, Contamination Area Around Light Pole	Unplanned Release	
200-W-87	200-W-87, Unplanned Release on Chemical Spur Railroad Track Northwest of 221-U	Unplanned Release	
200-W-89	200-W-89, 252-U, U Plant Electrical Substation, C8S17 Substation, U-Cat	Foundation	
200-W-90	200-W-90, Underground Radioactive Material Areas posted along 23rd Street in 200 West Area	Unplanned Release	
200-W-92	200-W-92, Contaminated Mound of Soil and Debris, Soil Mound West of 241-TY Tank Farm	Dumping Area	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-WA-1 (continued)			
200-W-101	200-W-101, Contaminated Material West of 216-S-12 Crib	Dumping Area	
200-W-106	200-W-106, Soil Contamination Area Adjacent to 200-W-55	Unplanned Release	
200-W-107	200-W-107, Miscellaneous Stream #685, 222-U Building Stormwater Runoff	Injection/Reverse Well	
200-W-108	200-W-108, Miscellaneous Stream #687, 222-U Building Stormwater Runoff	Injection/Reverse Well	
200-W-109	200-W-109, Miscellaneous Stream #521, 222-U Building Stormwater Runoff	Injection/Reverse Well	
200-W-111	200-W-111, Miscellaneous Stream #394, 222-U Building Stormwater Runoff	Injection/Reverse Well	
200-W-118	200-W-118, Miscellaneous Stream #141, Steam Condensate MSS-TRP-006	Injection/Reverse Well	
218-W-8	218-W-8, 222-T Vault	Burial Ground	
218-W-9	218-W-9, Dry Waste Burial Ground No. 9, Non-TRU Dry Waste No. 009	Burial Ground	
231-W-151	231-W-151, 231-W-151 Vault, 231-W-151-001 (Tank), 231-W-151-002 (Tank), 231-W-151 Sump, 231-Z-151 Sump, IMUST, Inactive Miscellaneous Underground Storage Tank (See Subsites)	Receiving Vault	
231-W-151:1	231-W-151:1, 231-W-151-001		
231-W-151:2	231-W-151:2, 231-W-151-002		

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-WA-1 (continued)			
270-W	270-W, 270-W Tank, 270-W Neutralization Tank	Neutralization Tank	
2607-W3	2607-W3	Septic Tank	
2607-W4	2607-W4, T Plant Septic Tank and Drain Field	Septic Tank	
2607-W5*	2607-W5, Septic Tank and Drain Field	Septic Tank	
2607-W6*	2607-W6	Septic Tank	
2607-W7	2607-W7, Septic Tank	Septic Tank	
2607-W8	2607-W8	Septic Tank	
2607-W9	2607-W9, 2707-SX Septic Tank	Septic Tank	
2607-WC*	2607-WC, 2607-WC Septic System	Septic Tank	
2607-WZ	2607-WZ	Septic Tank	
207-Z	207-Z, 207-Z Retention Basin, 241-Z Retention Basin, 241-Z-RB	Retention Basin	
216-Z-4	216-Z-4, 231-W-3 Pit, 231-W-3 Sump, 231-W-3 Crib, 216-Z-3, 216-Z-4 Crib	Trench	
216-Z-6	216-Z-6, 231-W-4 Crib, 231-Z-6, 216-W-4, 231-W Crib, 216-Z-4, 216-Z-6 & 6A Crib	Crib	
216-Z-7	216-Z-7, 231-W Crib, 231-W Trench, 216-Z-6	Crib	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-WA-1 (continued)			
216-Z-13*	216-Z-13, 234-5 Dry Well #1, 216-Z-13 Dry Well, Miscellaneous Stream #261, 216-Z-13 A and B	French Drain	
216-Z-14*	216-Z-14, 234-5 Dry Well #2, 216-Z-14 Dry Well, Miscellaneous Stream #262, 216-Z-14 A and B	French Drain	
216-Z-15	216-Z-15, 234-5 Dry Well #3, 216-Z-15 Dry Well, Miscellaneous Stream #263	French Drain	
216-Z-16	216-Z-16	Crib	
216-Z-17	216-Z-17, 216-Z-17 Ditch	Trench	
216-Z-21	216-Z-21, 216-Z-21 Seepage Basin, PFP Cold Waste Pond	Pond	
2607-Z	2607-Z	Septic Tank	
2607-Z1	2607-Z1, Septic Tank and Drainfield	Septic Tank	
600-70	600-70, Solid Waste Management Unit (SWMU) #2 - Miscellaneous Solid Waste	Dumping Area	
UPR-200-W-3	UPR-200-W-3, Railroad Contamination, UN-200-W-3	Unplanned Release	
UPR-200-W-4	UPR-200-W-4, Railroad Contamination, UN-200-W-4	Unplanned Release	
UPR-200-W-14	UPR-200-W-14, Waste Line Leak at 242-T Evaporator, UN-200-W-14	Unplanned Release	
UPR-200-W-19	UPR-200-W-19, 241-U-361 Overflow, UN-200-W-19	Unplanned Release	
UPR-200-W-23	UPR-200-W-23, Waste Box Fire at 234-5Z, UN-200-W-23	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-WA-1 (continued)			
UPR-200-W-33	UPR-200-W-33, Ground Contamination at 224-U, UN-200-W-33 Crib	Unplanned Release	
UPR-200-W-36	UPR-200-W-36, Groundwater Contamination at 216-S-1 and 216-S-2	Unplanned Release	
UPR-200-W-39	UPR-200-W-39, UN-200-W-39, 224-U Buried Contamination Trench	Unplanned Release	
UPR-200-W-41	UPR-200-W-41, Railroad Contamination, UN-200-W-41, REDOX Railroad Cut Contamination	Unplanned Release	
UPR-200-W-44	UPR-200-W-44, Railroad Track Contamination, UN-200-W-44	Unplanned Release	
UPR-200-W-46	UPR-200-W-46, Contaminated Railroad Track, H-2 Centrifuge Burial, UN-200-W-46	Unplanned Release	
UPR-200-W-48	UPR-200-W-48, Contaminated Railroad Track Near 221-U, UN-200-W-48	Unplanned Release	
UPR-200-W-51	UPR-200-W-51, Release from 241-S Diversion Box, UN-200-W-51, UPR-200-W-52	Unplanned Release	
UPR-200-W-55	UPR-200-W-55, Uranium Powder Spill at 224-U, UN-200-W-55	Unplanned Release	
UPR-200-W-60	UPR-200-W-60, Railroad Contamination, UN-200-W-60	Unplanned Release	
UPR-200-W-63	UPR-200-W-63, Road Contamination along the South Shoulder of 23rd Street, UN-200-W-63	Unplanned Release	
UPR-200-W-65	UPR-200-W-65, Contamination in the T-Plant Railroad Cut, UN-200-W-65	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-WA-1 (continued)			
UPR-200-W-67	UPR-200-W-67, Contamination near 2706-T, UN-200-W-67	Unplanned Release	
UPR-200-W-71	UPR-200-W-71, UN-200-W-71, Contamination Spread along 16th Street	Unplanned Release	
UPR-200-W-73	UPR-200-W-73, Contaminated Railroad Track at 221-T, UN-200-W-73	Unplanned Release	
UPR-200-W-78	UPR-200-W-78, UO3 Powder Spill at 224-U, UN-200-W-78	Unplanned Release	
UPR-200-W-99	UPR-200-W-99, UN-216-W-7, 153-TX Diversion Box Contamination Spread, UN-200-W-99	Unplanned Release	
UPR-200-W-101	UPR-200-W-101, UN-216-W-9, 221-U Acid Spill R-1 through R-9, UN-200-W-101	Unplanned Release	
UPR-200-W-103	UPR-200-W-103, 216-Z-18 Line Break, UN-216-W-13, UN-200-W-103, Pipe Line Leak	Unplanned Release	
UPR-200-W-111	UPR-200-W-111, Sludge Trench at 207-U, UN-216-W-21	Unplanned Release	
UPR-200-W-112	UPR-200-W-112, Sludge Trench at 207-U, UN-216-W-22	Unplanned Release	
UPR-200-W-116	UPR-200-W-116, UN-216-W-26, Ground Contamination North of 202-S, UN-200-W-116	Unplanned Release	
UPR-200-W-117	UPR-200-W-117, Railroad Track Contamination, UN-216-W-27	Unplanned Release	
UPR-200-W-118	UPR-200-W-118, Contamination at 211-U, UN-216-W-28, UN-200-W-118	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-WA-1 (continued)			
UPR-200-W-138	UPR-200-W-138, 221-U Vessel Vent Blower Pit French Drain, UN-216-W-11, UN-200-W-138, UN-200-W-22, UPR-200-W-22	Unplanned Release	
UPR-200-W-162	UPR-200-W-162, Contaminated Area on East Side of 221-U, UN-216-W-37	Unplanned Release	
UPR-200-W-165	UPR-200-W-165, Contamination Area East of 241-S, UN-216-W-30	Unplanned Release	
UPR-200-W-166	UPR-200-W-166, Contamination Migration from 241-T Tank Farm, UN-216-W-31	Unplanned Release	

Groundwater Operable Units

Operable Unit	Lead Regulatory Agency	Past Practice Process
100-BC-5 (GW O.U.)	EPA	CPP
100-FR-3 (GW O.U.)	EPA	CPP
100-HR-3 (GW O.U.)	Ecology	CPP
100-KR-4 (GW O.U.)	EPA	CPP
100-NR-2 (GW O.U.)	Ecology	CPP
200-BP-5 (GW O.U.)	~~EPA~~ Ecology	CPP
200-PO-1 (GW O.U.)	Ecology	CPP
200-UP-1 (GW O.U.)	~~Ecology~~ EPA	CPP
200-ZP-1 (GW O.U.)	EPA	CPP
300-FF-5 (GW O.U.)	EPA	CPP

* Active waste management units where a hazardous substance has been potentially released or a substantial threat of a release of a hazardous substance exists.

**Treatment Storage and Disposal (TSD) units where closure and permitting activities are to be coordinated with past practice investigation and remediation activities.

† Interim Action Record of Decision for the 100-BC-1, 100-BC-2, 100-DR-1, 100-DR-2, 100-FR-1, 100-FR-2, 100-HR-1, 100-HR-2, 100-KR-1, 100-KR-2, 100-IU-2, 100-IU-6, and 200-CW-3 Operable Units (1999)

Change Number	Federal Facility Agreement and Consent Order Change Control Form	Date
M-16-09-03	Do not use blue ink. Type or print using black ink.	March 18, 2010

Originator

Matthew S. McCormick **Phone** 373-9971

Class Of Change

[X] I - Signatories [ ] II - Executive Manager [ ] III - Project Manager

Change Title

Modify M-016-00 major milestone scope and establish additional M-016 series milestones to implement U Plant (221 U facility) remediation.

Description/Justification Of Change

In accordance with the February 2009 Agreement In Principle (AIP) signed by the Tri-Parties, DOE developed a Central Plateau Cleanup Completion Strategy for overall clean-up of the Central Plateau including non-tank farm waste site operable units, excess facilities and groundwater remediation. The Parties also agreed to conduct negotiations for the facilities in an AIP on Central Plateau facility disposition signed in August 2008.

Coordination of waste site remediation with remediation of canyon facilities and closure of tank farm waste management areas (WMAs) was evaluated as part of DOE's strategy and during follow-on discussions and negotiations among the Tri-Parties.

This change package, in conjunction with accompanying change packages M-15-09-02 and M-85-10-01, modifies the scope of the M-016-00 major milestone to exclude past practice waste sites associated with B Plant, PUREX, and REDOX canyon buildings and establishes additional milestones to implement U Plant canyon (221 U Facility) remediation.

Continued on page 2

Impact Of Change

The scope of the M-016-00 major milestone is modified to remove scope to be covered by the new M-085 milestone series. New milestones for U Plant canyon remediation are added. This change package was developed in conjunction with M-15-09-02 (site investigation milestones), M-85-10-01 (canyons, associated waste sites, and other excess facilities), C-09-07 (operable unit assignments).

Affected Documents

The HFFACO, as amended, and Hanford Site internal planning, management, and budget documents (e.g., USDOE and USDOE contractor Baseline Change Control documents; Multi-Year Work Plan; Sitewide Systems Engineering Control Documents, and Project Management Plans).

APPROVALS:

_____ DOE	_____ Date	___ Approved	___ Disapproved
_____ EPA	_____ Date	___ Approved	___ Disapproved
_____ Ecology	_____ Date	___ Approved	___ Disapproved

Description/Justification Of Change

Continued from page 1

The current M-016-00 major milestone requires remedial actions for all non-tank farm operable units to be completed by September 30, 2024. The milestones for the Remedial Investigation Feasibility Study (RI/FS) process contained in Change Package M-15-09-02 establish the schedule for the RI/FS process for non-tank farm waste sites.

The major milestone, M-016-00 is revised to encompass remediation for non-tank farm and non-canyon operable units. Past practice waste sites associated with canyon facilities are addressed in accompanying change package M-85-10-01.

This change package also incorporates interim milestones for remediation of the U Plant canyon (221 U Facility) for which a Record of Decision and RD/RA Work Plan have been issued.

Changes to milestones are indicated by Double Underline to indicate addition of text and by ~~Strikeout~~ to indicate deletion of text.

M-016-00	Complete remedial actions for all non-tank farm and non-canyon operable units. Note: See operable unit LRA designation listing in Appendix C. It is assumed that the Record of Decision will be signed 6 months after the proposed plan is submitted. Per Action Plan Section 11.6 a day-for-day slip in the RD/RA Work Plan due date will be given for each day the remedy decision is not issued past the 6 month date. The document review, comment and approval process prescribed in the action plan of the HFFACO Section 9 will be followed. The schedule for completion of the construction of the remedy will reflect the scope and complexity of the selected remedial action. The schedule for remedial action implementation will be established upon regulatory agency approval of the RD/RA work plans and is enforceable as a HFFACO requirement.	09/30/2024
M-016-200A	Complete U Plant canyon (221 U Facility) demolition in accordance with the Remedial Design/Remedial Action Work Plan.	9/30/2017
M-016-200B	Complete U Plant (221 U Facility) barrier construction in accordance with the Remedial Design/Remedial Action Work Plan.	09/30/2021

Change Number	Federal Facility Agreement and Consent Order Change Control Form Do not use blue ink. Type or print using black ink.	Date
M-85-10-01		March 18, 2010

Originator Matthew S. McCormick

Phone (509) 373-9971

Class of Change

[X] I - Signatories [ ] II - Executive Manager [ ] III - Project Manager

Change Title

Modify Tri-Party Agreement to add M-85 series milestones for Central Plateau facilities and associated waste sites.

Description/Justification of Change

In accordance with the February 2009 Agreement In Principle (AIP) signed by the Tri-Parties, DOE developed a Central Plateau cleanup completion strategy for overall clean-up of the Central Plateau including non-tank farm waste site operable units, excess facilities and groundwater remediation. The Parties also agreed to conduct negotiations for the facilities in an AIP on Central Plateau facility disposition signed in August 2008.

The five Central Plateau canyon buildings – U Plant, B Plant, PUREX, REDOX, and T Plant – and associated past practice waste sites were included in the discussions and negotiations among the Parties. The U Plant CERCLA record of decision has already been approved; as a result the U Plant canyon remediation will remain in the M-16 milestone series. The T Plant canyon is still in active operations and is not included in these milestones. After operations are complete, T Plant will be dispositioned in accordance with Action Plan sections 7 and 8. For the three remaining canyons and associated past practice waste sites, the CERCLA remedial action process will be utilized through establishment of new operable units (200-CB-1, 200-CP-1, and 200-CR-1) with milestones established in the M-085 milestone series.

Continued on page 2

Impact of Change

Approval of this change package impacts the existing milestones for developing feasibility studies, proposed plans, and for conducting response actions on the Central Plateau. This change package was developed in conjunction with Change Packages M-15-09-02 (site investigation milestones), M-16-09-03 (response action milestones), and C-09-07 (operable unit assignments).

Affected Documents

The Hanford Federal Facility Agreement and Consent Order, as amended, and Hanford Site internal planning, management and budget documents (e.g., baseline control documents, related work authorization and directives). Specifically, this change will result in development of new remedial investigation/feasibility study work plans for the B Plant, PUREX, and REDOX canyon facilities and associated past practice waste sites. Additional documentation to be developed will include follow-on CERCLA decision and implementation documents. Work plans for implementation of removal action memoranda for the 224 B and 224T facilities will be developed, as will one or more Engineering Evaluation/Cost Analysis documents for removal actions for other Tier 2 facilities on the Central Plateau.

Approvals

_____ DOE	_____ Date	___ Approved	___ Disapproved
_____ EPA	_____ Date	___ Approved	___ Disapproved
_____ Ecology	_____ Date	___ Approved	___ Disapproved

Description/Justification of Change

Continued from page 1

Cleanup of Tier 2 facilities identified in the newly established Appendix J will utilize CERCLA response actions and are included in the scope of M-85 milestones.

A new major milestone for completion of response actions for canyon buildings, associated past practice waste sites, and Tier 2 facilities defined in Appendix J has been established. New interim milestones for RI/FS work plans are included for canyons and associated waste sites operable units (200-CB-1, 200-CP-1, and 200-CR-1). The work plans will lead to CERCLA Remedial Action decision documents that will be followed by Remedial Design/Remedial Action Work Plans.

Approval of this change package will result in the following modification to Appendix D of the Action Plan:

- Establish a new major milestone for completion of response actions for canyon buildings/associated past practice waste sites, other Central Plateau Tier 1 facilities not covered by existing milestones, and Central Plateau Tier 2 facilities.
- Establish new interim milestones for submittal of RI/FS work plans for the B Plant, PUREX, and REDOX canyon/associated waste site operable units.
- Establish interim milestones for submittal of removal action work plans for two Tier 2 facilities.

Changes to milestones are displayed by Double Underline to indicate addition of text and by ~~Strikeout~~ to indicate deletion of text.

Number	Description	Due date
M-085-00 LEAD AGENCY: DUAL	Complete response actions for the canyon facilities/associated past practice waste sites, other Tier 1 Central Plateau facilities not covered by existing milestones, and Tier 2 Central Plateau facilities. This includes B Plant, PUREX, and REDOX canyons and associated past practice waste sites in 200-CB-1, 200-CP-1, and 200-CR-1 OUs. The milestone does not include U Plant or T Plant canyons.	TBD
M-085-01	Submit a change package to establish a date for major milestone M-085-00.	09/30/2012
M-085-10A	Submit Remedial Investigation/Feasibility Study Work Plan for the 200-CB-1 OU (B Plant Canyon/associated past practice waste sites) to Ecology.	12/31/2011
M-085-20A	Submit Remedial Investigation/Feasibility Study Work Plan for the 200-CP-1 OU (PUREX Canyon/associated past practice waste sites) to Ecology.	09/30/2015
M-085-30A	Submit Remedial Investigation/Feasibility Study Work Plan for the 200-CR-1 OU (REDOX Canyon /associated past practice waste sites) to EPA.	12/31/2017
M-085-50	Submit revised removal action work plan for the 224B Concentration Facility in accordance with the Action Memorandum for the Non-Time Critical Removal Action for the 224-B Plutonium Concentration Facility (DOE/RL-2004-36). A change package with a completion milestone will accompany the submittal of the work plan.	12/31/2015
M-085-51	Submit removal action work plan for the 224T Transuranic Storage and Assay Facility in accordance with the Action Memorandum for the Non-Time-Critical Removal Action for the 224-T Plutonium Concentration Facility (DOE/RL-2004-68). A change package with a completion milestone will accompany the submittal of the work plan.	12/31/2025
M-085-60	Complete Engineering Evaluation/Cost Analysis report(s) for all Tier 2 facilities listed in Appendix J.	03/31/2018

Change Number	Federal Facility Agreement and Consent Order Change Control Form	Date
P-00-09-02	Do not use blue ink. Type or print using black ink.	March 18, 2010

Originator	Phone
Matthew S. McCormick	(509) 373-9971

CLASS OF CHANGE

[ ] I - Signatories [X] II - Executive Manager [ ] III - Project Manager

CHANGE TITLE

Update Tri-Party Agreement Action Plan, Sections 7.0 and 8.0 to incorporate changes to the Central Plateau cleanup approach coordinating waste site and facility disposition.

DESCRIPTION/JUSTIFICATION OF CHANGE

This change package revises the Tri-Party Agreement Action Plan Section 8.0, *Facility Decommissioning Process*, in a general update. When Section 8.0 was initially included in the Tri-Party Agreement in 1995, many of the significant processing and operational facilities (Key Facilities) were awaiting a defined disposition process. The purpose of Section 8.0 was to establish a process that coordinated the requirements of DOE's decommissioning processes with the requirements of RCRA and CERCLA, as they relate to disposition of facilities. The designated Key Facilities have completed the transition from operations to the surveillance and maintenance or disposition phases. In the accompanying change packages, the regulatory disposition path has been set for the canyon facilities, the last remaining Key facilities without a path forward. As a result, the processes described in Section 8.0 are no longer applicable. This change package describes the regulatory path forward for disposition of the canyons using established CERCLA remedial action and RCRA closure processes. The change package also defines the process for disposition of other facilities using a graded approach and CERCLA response actions as needed.

Continued on page 2

IMPACT OF CHANGE

The modification supports implementation of coordinated Central Plateau cleanup for waste sites and facilities. This change recognizes that CERCLA processes will be used for disposition of most Hanford Site facilities that have had a release or have a substantial threat of release of hazardous substances. A graded approach for determining the need for a CERCLA response action is established. This change package was developed in conjunction with accompanying change packages M-15-09-02 (site investigation milestones), M-16-09-03 (response action milestones), M-85-10-01 (canyon OU milestones), A-10-01 (Action Plan definitions) and J-09-01 (new Action Plan Appendix J).

AFFECTED DOCUMENTS

The HFFACO, as amended, and Hanford Site internal planning, management, and budget documents (e.g., USDOE and USDOE contractor Baseline Change Control documents; Multi-Year Work Plan; Sitewide Systems Engineering Control Documents, and Project Management Plans). Development of transition-related documents previously required by Section 8 will no longer be necessary. A Facility Evaluation will be prepared to apply the graded approach for Central Plateau facilities.

APPROVALS

DOE	Date	___ Approved	___ Disapproved
EPA	Date	___ Approved	___ Disapproved
Ecology	Date	___ Approved	___ Disapproved

Continued from page 1

Changes to Tri-Party Agreement text are displayed by Double Underline to indicate addition of text and by ~~Strikeout~~ to indicate deletion of text.

7.1 INTRODUCTION, (paragraph 5)

In accordance with Section 3.1, and discussed in Section ~~8.~~3, the parties may elect to disposition facilities (as the term "facility" is defined in Section 8) outside of Section 8.0 requirements and include the disposition of facilities under the past-practice~~s~~ processes. Such actions ~~can~~ will proceed under ~~either~~ the CPP ~~or the RPP~~ Program.

7.2.2 Operable Unit Scoping Activity (paragraph 1)

The operable unit scoping activity will be used to support the initial planning phase for each RI/FS (or RFI/CMS). Such activity and planning will result in an overall management strategy for each operable unit. In some cases, the operable unit management strategy may include facility (as defined in Section 8) dispositioning activities which will be integrated with this process ~~as discussed under Section 8.3, "Decommissioning Process Planning."~~ Canyon buildings on the Central Plateau are grouped with associated waste sites into canyon area operable units, defined in Appendix C, for disposition under the CPP program. The DOE shall assemble and evaluate existing data and information about the individual waste management units within each operable unit. The data and information obtained during each operable unit scoping activity will be used to support the logic for the RI/FS (or RFI/CMS) work plan and, therefore, will be submitted as part of each work plan.

8.0 FACILITY ~~DECOMMISSIONING~~ DISPOSITION PROCESS

8.1 INTRODUCTION

The facility ~~decommissioning~~ disposition process defines the approach by which DOE, with involvement of the lead regulatory agencies, will take a facility from operational status to its end state condition (final disposition) at Hanford. This is accomplished by the completion of facility transition, surveillance and maintenance (S&M), and disposition phase activities. The process is designed to integrate ~~DOE HQ guidance (U.S. Department of Energy, Office of Environmental Restoration, Decommissioning Handbook, DOE/EM 0142D, March 1994, and U.S. Department of Energy, Office of Environmental Management, Decommissioning Resource Manual, DOE/EM 0246, August 1995, hereafter referred to as the EM 40 Guidance Documents~~ DOE Order 430.1B, U.S. Department of Energy Real Property Asset Management, September 24, 2003 and The Decommissioning Handbook (DOE/EM-0383, January 2000), and to ensure compliance with environmental regulations, including waste management, closure and post closure requirements under RCRA, and remedial and/or removal action requirements under CERCLA.

Facility ~~decommissioning~~ disposition at Hanford will proceed on a priority-based path that results in an expedient and cost efficient transition of facilities to a safe and stable condition that presents no significant threat of release of hazardous substances into the environment and no significant risk to human health and the environment. The methodology allows for cases where higher priority Hanford cleanup activities warrant deferring regulated unit closure actions until prioritization decisions are made to proceed with the disposition phase.

Notwithstanding any other provision of Section 8.0, EPA and Ecology reserve the right to require closure in accordance with Federal and State hazardous waste law, and the Agreement, and to require response or corrective actions in accordance with RCRA and CERCLA and the Agreement, at any time. During the facility ~~decommissioning~~ disposition process, DOE shall comply with all applicable environmental, safety and health, and security requirements.

8.1.1 Background

The DOE consolidated virtually all of its waste management, remedial action and decontamination and decommissioning (D&D) program activities in 1989 into the Office of Environmental Management (EM). Within EM, the Office of Environmental Restoration was assigned responsibility for performing remedial actions, S&M, and dispositioning activities for DOE facilities. When Section 8.0, *Facility Decommissioning Process*, (now *Facility Disposition Process*) was initially included in the Tri-Party Agreement in 1995, many of the significant processing and operational facilities were awaiting a defined disposition process. The purpose of Section 8.0 was to establish a process that coordinated the requirements of DOE's decommissioning processes with the requirements of environmental regulations, such as RCRA and CERCLA, as they relate to disposition of facilities. As part of this effort, the parties identified "Key" facilities, or those that were determined to present sufficient potential environmental concern that coordination of the decommissioning process with cleanup activities under the Tri-Party Agreement was deemed necessary.

~~With the downsizing of both nuclear weapons inventories and nuclear material production capabilities, the DOE HQ established the Office of Facility Transition in mid 1992. This office is chartered with management of the transition from operational status to shutdown status for the numerous facilities used for nuclear material production or otherwise involved in the DOE nuclear program.~~

8.1.2 Applicability

~~This section applies~~ Section 8.0 was applied to the transition, the S&M ~~surveillance and maintenance,~~ and/or the disposition of key facilities located on the Hanford Site that were ~~are~~ not fully addressed under Section 6.0, ~~(*TSD Process*),~~ or Section 7.0, ~~(*Past Practice Process*),~~ of this Action Plan. As used in Section 8, the term "facility" is defined to mean buildings and structures used for material handling and processing, storage, maintenance, administrative, or support activities on the Hanford Site and is not to be confused with the term "facility" as defined under WAC 173-303-040, CERCLA or RCRA. Facilities may be above or below grade and may be contaminated or uncontaminated.

Key Facilities subject to this Section 8.0 process ~~which have been~~ identified by the parties ~~to date~~ included the following: PUREX, PFP (234-5Z and 236Z), B Plant, FFTF, UO_3 Plant, U Plant, REDOX (202-S Building), and DOE's old reactor buildings (specifically: 105-B, 105-C, 105-F, 105-D, 105-DR, 105-H, 105-KE, 105-KW, and 105/109-N buildings). ~~The 105 reactor buildings, UO3 Plant, and REDOX are recognized as already having been transferred to DOE's Environmental Restoration Program. On approval of each facility Surveillance and Maintenance Plan by the Lead Regulatory Agency (see section 8.6), these facilities will be recognized as having entered the surveillance and maintenance phase as described within this section.~~ As of February 2010, the Key facilities have been retired from active operation and are either (1) in S&M mode pending final disposition (e.g. B Plant, REDOX, and PUREX), (2) have final disposition decisions that are being implemented (U Plant and PFP), or (3) have completed their primary disposition phase and are being monitored in interim safe storage (e.g. most of the reactor buildings). The status of each of the Key facilities is described in Table 8-1.

Table 8-1 Status of "Key Facilities as of March 2010

Facility	Status
Canyon Buildings	
PUREX	Deactivated in accordance with PUREX/UO3 Deactivation Project Management Plan (WHC-SP-1011D) and PUREX Deactivation End Point Criteria (WHC-SD-TPP-053). S&M performed in accordance with Surveillance and Maintenance Plan for the PUREX Facility (DOE/RL-98-35). Final disposition to be addressed using CERCLA remedial action coordinated with RCRA closure. Completion schedules to be established with RI/FS Work Plans and RD/RA Work Plans in accordance with Action Plan Section 11.6 (M-85 milestones) and closure conditions/schedules established in the Hanford Facility Dangerous Waste Permit.
B Plant	Deactivated in accordance with B Plant End Points Document (WHC-SD-TPP-054). S&M performed in accordance with Surveillance and Maintenance Plan for the 221-B Facility (B Plant) (DOE/RL-99-24). Final disposition to be addressed using CERCLA remedial action coordinated with RCRA closure. Completion schedules to be established with RI/FS Work Plans and RD/RA Work Plans in accordance with Action Plan Section 11.6. (M-85 milestones)
U Plant	Retired from active operations in approximately 1964; not formally deactivated. Final disposition and interim S&M in accordance with the Record of Decision for the 221-U [EPA 2005] and Remedial Design/Remedial Action Work Plan (DOE/RL-2006-21). (M-16 milestones)

Facility	Status
REDOX	Retired from active operations in 1967; limited deactivation. S&M performed in accordance with Surveillance and Maintenance Plan for the REDOX Facility (DOE/RL-98-19). Final disposition to be addressed using CERCLA remedial action. Completion schedules to be established with RI/FS Work Plans and RD/RA Work Plans in accordance with Action Plan Section 11.6. (M-85 milestones)
Production Reactor Buildings	
105-B	S&M performed in accordance with Surveillance And Maintenance Plan For 105-B Reactor Facility (DOE/RL-2001-68). Because the reactor was designated a National Historic Landmark in August 2008,further management and disposition to be addressed in accordance with Nation Park Service requirements. No further CERCLA response action is anticipated.
105-C	In Interim safe storage with S&M performed in accordance with Surveillance and Maintenance Plan For 105-C Reactor Safe Storage Enclosure (DOE/RL-98-44). Final disposition to be determined (M-93 milestones).
105-D	In Interim safe storage with S&M performed in accordance with Surveillance and Maintenance Plan For 105-D Reactor Safe Storage Enclosure (DOE/RL-2004-59). Final disposition to be determined (M-93 milestones).
105-DR	In Interim safe storage with S&M performed in accordance with Surveillance and Maintenance Plan For 105-DRReactor Safe Storage Enclosure (DOE/RL-2002-28) Final disposition to be determined (M-93 milestones).
105-F	In Interim safe storage with S&M performed in accordance with Surveillance and Maintenance Plan For 105-F Reactor Safe Storage Enclosure (DOE/RL-2003-45). Final disposition to be determined (M-93 milestones).
105-H	In Interim safe storage with S&M performed in accordance with Surveillance and Maintenance Plan For 105-H Reactor Safe Storage Enclosure (DOE/RL-2005-67). Final disposition to be determined (M-93 milestones).
105-KE 105-KW	To be dispositioned in accordance with Removal Action Work Plan for 105-KE/KW Reactor Facilities and Ancillary Facilities (DOE/RL-2005-26). Completion schedules to be established in accordance with Action Plan Section 11.6. (M-93 milestones)
105/109-N	To be dispositioned in accordance with Removal Action Work Plan for 105-N 109-N Buildings Interim Safe Storage and Related Facilities (DOE/RL-2005-43) Completion schedules to be established in accordance with Action Plan Section 11.6. (M-93 milestones).
Others	
PFP (234-5Z and 236Z)	Demolition of above ground structures in accordance with Non-Time Critical Removal Action Memorandum for PFP Above Ground Structures (DOE/RL-2005-13). Completion schedules have been established in accordance with Action Plan Section 11.6. (M-83 milestones)
FFTF	S&M being performed in accordance with Surveillance and Maintenance Plan for the Fast Flux Test Facility (DOE/RL-2009-26) in accordance with milestone M-081-00A.
UO_3 Plant	Deactivated in accordance with PUREX/UO3 Deactivation Project Management Plan (WHC-SP-1011D). Disposition in progress in accordance with Action Memorandum for Non-Time Critical Removal Action For U-Plant Ancillary Facilities (DOE/RL-2004-67) and U Plant Ancillary Facilities Removal Action Work Plan (DOE/RL-2004-83) Completion schedules have been established in accordance with U Plant Ancillary Facilities Removal Action Work Plan (DOE/RL-2004-83).

8.1.3 Disposition Of Other Facilities

Other ~~key~~ facilities that the parties agree are subject to Section 8.0 will be ~~decommissioned~~ dispositioned in accordance with the provisions of this section and any milestones established specific to those facilities. If there is a conflict between the provisions of this section and of a specific milestone, the provisions of the milestone will prevail. This section does not apply to the following:

- ~~Any waste disposal unit (e.g., crib, pond, ditch, landfill).~~

- RCRA treatment or storage units either fully closed or scheduled for closure under Section 6.0 that result in the final disposition of the facility~~, or result in a remaining facility that does not qualify as a "key facility"~~.

- Any facility which is fully addressed as part of a past-practice operable unit under Section 7.0 of this action plan (i.e., N-area pilot project) ~~or which is addressed under Section 7.0 to a condition which results in a remaining facility that does not qualify as a "key facility"~~.

- ~~Facilities on the Hanford Site that have already been transferred to the ER Program and which will be decommissioned as a part operable unit remediation under Section 7.0 or under DOE authority, unless identified as key facilities by the parties.~~

Additional ~~key~~ facilities may be identified by the parties for CERCLA response actions on a case by case basis, using the following general criteria:

- Facilities that do not fall into any of the categories summarized in the bullets above,

- Facilities that will undergo a surveillance and maintenance period greater than 180 days with hazardous substances to be left in place,

- Facilities where either physical closure actions or waste unit remediation must be performed in conjunction with facility disposition, and/or

- Central Plateau facilities identified during the graded approach (Facility Evaluation) identified and incorporated into Appendix J of the Action Plan.

- ~~Facilities that may be addressed in conjunction with any other facility which qualifies as a key facility.~~

~~Upon identification as a key facility subject to Section 8.0, EPA and Ecology will designate a lead regulatory agency in accordance with Section 5.6.~~

~~Key Facilities do not include uncontaminated structures (i.e., contains no hazardous substances), or facilities which are fully dispositioned following a decision to remove them from use.~~

~~Only with the agreement of DOE and the lead regulatory agency may key facilities (or portions thereof) be used for alternative beneficial uses, and be addressed independent of Section 8.0.~~

Facilities on the Central Plateau will be characterized to determine the hazards and risks. A Facility Evaluation, described in Section 8.1.4 will be completed for these facilities to determine how the graded approach will be applied. The Facility Evaluation will place a facility into one of the following tiers:

- **Tier 1 facilities** are facilities historically designated as "Key" (Section 8.1.2) or other complex facilities that played a major role in Hanford's primary mission activities related to nuclear materials. Tier 1 facilities are generally large heavily shielded metal and concrete structures containing tanks, heavily shielded gloveboxes or hot cells, underground vaults, piping etc. that are integral to the facility structure which pose a threat of release of hazardous substances to the environment during disposition. Tier 1 facilities will be dispositioned under CERCLA as either a remedial action or a removal action, coordinated with closure of RCRA TSD units as needed.
- **Tier 2 facilities** are facilities not identified as Tier 1 that require a CERCLA response action. The disposition of Tier 2 facilities will be coordinated with closure of RCRA TSD units as needed.
- **Other facilities** not designated as Tier 1 or Tier 2. These facilities do not have a release or substantial threat of release of hazardous substances and will be dispositioned through the appropriate DOE processes.

~~**8.1.3 Decommissioning Relationships and Key Planning Documentation**~~

~~Table 8-1 shows the relationship between phases, processes and key planning documents that support the overall decommissioning process. A general description of key planning documents is included here. Additional information is provided in following text specific to the individual phases. Definitions specific to the facility decommissioning process are included in Appendix A of this document. The process described in Section 9.3 will be used to modify applicable documentation.~~

Table 8-1 Decommissioning Process Relationships

DECOMMISSIONING PHASES	FACILITY PROCESSES	KEY PLANNING DOCUMENTS
Transition	Stabilization Deactivation Surveillance Maintenance Decontamination	Project Management Plan (PMP) Facility Transition End Point Criteria Document Preclosure Work Plan Surveillance and Maintenance Plan
Surveillance and Maintenance	Surveillance Maintenance Deactivation* Decontamination*	Surveillance and Maintenance Plan
Disposition	Decontamination Dismantlement Entombment Closure Site Restoration	Decision Document (e.g., Action Memo, ROD, RCRA Closure Plan**) Project Design Report

* Completed on a case-by-case basis to further reduce facility surveillance and maintenance expenses.

** RCRA Closure Plan applicable to TSD units within the facility.

Project Management Plan: An internal DOE management plan prepared to aid in governing the successful completion of a project. The Plan defines DOE and DOE contractor organization, and responsibilities for executing the project. It outlines the work breakdown structure for the activities, clearly identifying the scope of work based on the technical criteria established. This document incorporates cost and schedule planning. The PMP is used to establish cost controls and milestones for tracking and reporting status on key processes and activities from start to finish of the phase. Project Management Plans are prepared during the transition phase.

Facility Transition End Point Criteria Document: A document developed during the transition phase that establishes the physical state of the systems and spaces within the facility to be achieved at the end of the transition phase. This document is used to satisfy programmatic requirements for transition to the S&M phase. The actual condition of the facility at the end of transition will be documented as part of the S&M plan.

Preclosure Work Plan: A document submitted during the transition phase. The preclosure work plan will contain, but is not limited to, elements summarized in Table 8-2. This preclosure work plan is based in part on the facility transition end point criteria document and S&M plan. The transition end point criteria document and the S&M plan are considered part of the preclosure work plan as they pertain to information related to RCRA TSD units.

~~Surveillance and Maintenance Plan: A document outlining facility specific activities taken to address essential systems monitoring, maintenance and operation requirements necessary at a facility to ensure efficient, cost effective maintenance of the facility in a safe condition that presents no significant threat of release of hazardous substances into the environment and no significant risk to human health and the environment until final disposition is completed.~~

~~Project Design Report: The Project Design Report (PDR) is prepared to describe activities during the disposition phase of the facility. The PDR is prepared consistent with Section 7.0 requirements for the remedial design/remedial action phase of the project. The report will contain a definition of the project scope (i.e., goals, objectives, background information, and scope statement), description of specific tasks, cost, and schedule for the completion of disposition. The intent of the report is to identify the basis and provide direction for preparation of detailed work packages or procedures utilized for conducting the project tasks. The contents of the PDR may be submitted as a separate document (i.e., Remedial Design Report) or as part of an overall design document. The lead regulatory agency will be involved in the development of the PDR and have approval in part as appropriate for the final document.~~

8.1.4 ~~Decision Document~~ Disposition Documentation

Documentation required to authorize implementation of the disposition phase activities: a) will be prepared in accordance with the provisions of Section 7.0 and the joint ~~policy on Decommissioning of DOE Facilities under CERCLA~~ *Policy on Decommissioning of Department of Energy Facilities under CERCLA*, and b) will be prepared in accordance with Section ~~8.8~~ 6.0 for any necessary RCRA TSD closure plans. The decision documents (e.g., Action Memoranda ~~Memorandum~~, Records of Decision, or Closure Plans) will be issued by the lead agency in accordance with Sections 6.0 or 7.0~~ or Section 8.8 of the Action Plan will be the decision document for key facilities, and will define the final end states as developed under Section 8.7.1, as well as preliminary cost and schedules~~. Completion schedules will be developed in accordance with the requirements of Section 11.6.

The Facility Evaluation is prepared to evaluate each facility in regards to a graded approach to identify facilities subject to removal or remedial action under CERCLA. Facilities are placed in Tier 1 or Tier 2 based on their past history of releases or substantial threat of release. DOE will conduct the Facility Evaluation process for the Central Plateau facilities. A lead regulatory agency will be identified in Appendix J corresponding with the lead regulatory agency for operable units located in the same geographic area as the facility, unless otherwise agreed to by EPA and Ecology. The lead regulatory agency's concurrence with the designation of facilities as Tier 1 or Tier 2, and the selection of response action for Tier 1 facilities, will be obtained by approval of a change to the Tri-Party Agreement Appendix J to be completed in accordance with Tri-Party Agreement Section 12.0, *Changes to the Agreement*. The designation will be based on the Facility Evaluation document and other documents or inspection as appropriate. The Facility Evaluation documents supporting Tier 1 or Tier 2 designations will be processed as secondary documents as defined in Action Plan Section 9, *Documentation and Records*.

~~8.2 FACILITY OPERATIONS~~

~~Facility operations precede the decommissioning process and consequently are only briefly addressed in this section. Prior to receiving a formal shutdown notice from DOE-HQ, facilities that do not have a future mission may begin preparing for the transition phase of the decommissioning process. Preparation may include conducting final process vessel clean out runs in order to expedite transition phase activities and to avoid the necessity for operational permitting of process vessels containing hazardous materials for storage and/or treatment following a determination that their contents are dangerous wastes. Facility~~

personnel may also initiate preliminary development of transition end point criteria to describe the physical state of the systems and spaces within the facility at the end of the transition phase. The process of developing transition end point criteria will be structured to specifically incorporate regulatory, tribal and stakeholder input and involvement. Once a shutdown order has been received or a separate agreement is made by the parties, the facility will enter the transition phase as described in Section 8.5.

8.3 DECOMMISSIONING PROCESS PLANNING

The parties agree that sufficient up front planning for facilities that will undergo decommissioning is necessary to support the budget planning process and to facilitate integration and prioritization of decommissioning with other Hanford cleanup efforts. The parties also recognize, however, that there may be unanticipated situations in which it will be necessary to take immediate actions to abate significant threats to human health or the environment.

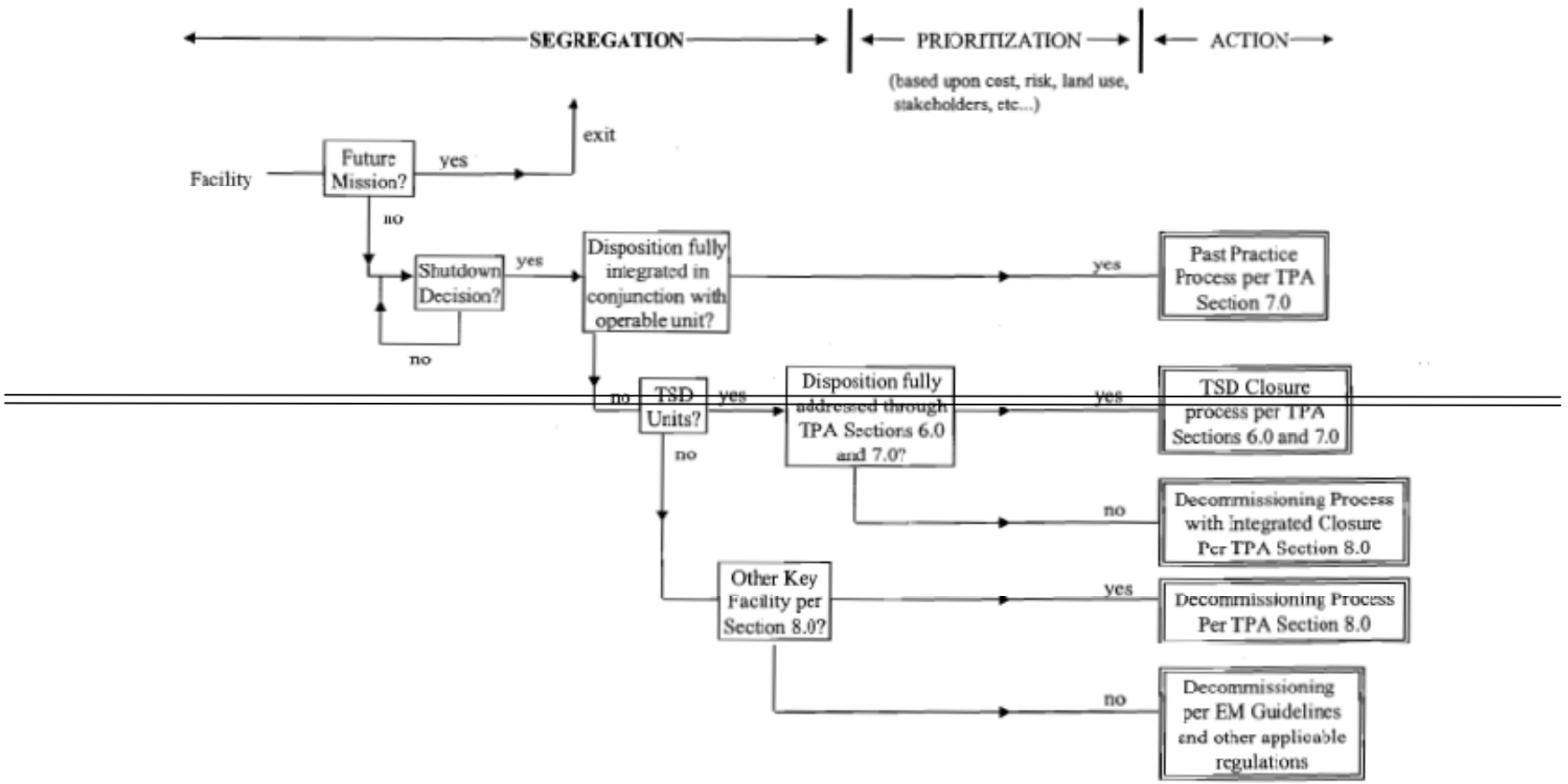
8.3.1 Long-Term Planning

DOE developed and submitted its long-term facility decommissioning plan covering key Hanford facilities to Ecology and EPA for review in June, 1996. This plan and associated Agreement commitments (including those made pursuant to Section 8.3.2) are expected to aided the parties in addressing overall decommissioning planning for existing and future facilities on the Hanford Site. The plan categorized facilities through a series of key decision-making questions such as the logic process shown in Figure 8-1. The parties recognize that there are a large number of facilities on the Hanford Site. However, many of the facilities are administrative and/or small in nature and will fall into the category of non-key facilities. Disposition of many of these facilities will be completed using CERCLA removal actions. A listing of these non-key facilities will be maintained for information purposes. Many facilities are associated with and may be addressed as part of a larger facility. In these cases, facility complexes will be identified as one key facility for the purpose of implementing the decommissioning process.

For key facilities subject to the decommissioning process under this section, the plan includes a long-term road map depicting the approximate time periods that the key facilities (or facility complexes) are expected to undergo transition, surveillance and maintenance, and/or disposition. The road map is for use by the parties to assist in the planning process in order to integrate and prioritize work, and is not considered a committed schedule. Such commitments will be established under the Agreement (see Section 8.3.2). This plan will be updated biennially as part of the biennial review (see Section 8.3.3).

Note – Figure 8-1 is deleted in its entirety

~~**Figure 8-1 Predecommissioning Planning**~~



8.3.2 Negotiations

The long-term facility decommissioning plan, as well as pertinent Agreement milestones and associated commitments, will be used by the parties as aids in scheduling future decommissioning related negotiations. Such negotiations will be coordinated with the facility planning phases discussed under Sections 8.5 and 8.7.

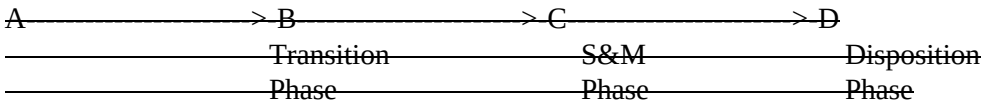
8.3.3 Biennial Review and Update

The parties will; (1) conduct a biennial review of facility/unit status, the long-term facility decommissioning plan, and associated Agreement commitments; (2) discuss current priorities; (3) and assess what changes are necessary. Based on this review and the latest DOE guidance associated with the future use of facilities, DOE will update and submit the long-term facility decommissioning plan and any draft changes addressing proposed Agreement modifications to EPA and Ecology.

8.4 GENERAL DECOMMISSIONING PROCESS

The typical facility decommissioning process, shown in Figure 8-2, depicts the sequential phases a facility undergoes following facility operations and includes transition, surveillance and maintenance (S&M), and disposition. This process is normally initiated following a decision from DOE-HQ to shut down a subject facility and proceed with decommissioning activities. The process time frame is established by milestones and associated target dates negotiated as part of the Agreement, and in most cases will be established one phase at a time.

Figure 8-2 Typical Decommissioning Process



A = Marks the end of the operational phase. A determination has been made by DOE-HQ that the facility is a surplus facility (i.e., formal letter documentation).

B = Marks the end of the transition phase. The preclosure work plan, surveillance & maintenance (S&M) plan and transition end point criteria document are updated as required, and approved by the DOE program responsible for S&M, and by the lead regulatory agency. The DOE review will include a check for transition end point criteria adequacy and equivalency to EM acceptance criteria objectives. Following receipt of necessary approvals, this point marks the start of the S&M phase as an interim period prior to DOE initiation of the disposition phase.

C = Decision to proceed with disposition phase.

D = Completion of disposition phase in compliance with applicable or relevant and appropriate requirements and in a condition protective of human health and the environment. (Note: All associated RCRA closure actions are completed at this point.)

Figure 8-2 has been expanded in Figures 8-3 through 8-5 to include individual process steps involved with each of the subject phases. Figures 8-3 through 8-5 identify actions involving regulatory, tribal, and public involvement, and those actions or documents requiring specific regulatory approval. Agreement negotiations are shown as part of the transition, S&M and disposition phases. More detailed descriptions of individual phases, actions and documentation are discussed in Sections 8.5 through 8.7.

8.5 TRANSITION PHASE

The transition phase of a facility is initiated when a formal shutdown decision is made by DOE. Figure 8-3 shows a breakdown of the activities associated with the transition phase. The numbers shown in the boxes correspond with the section numbering from this document. Discussion specific to RCRA TSD closure plan preparation and submittal is contained in Section 8.8.

8.5.1 Transition Planning

Early in the transition phase, project goals and objectives are developed in conjunction with regulatory, tribal and public input and involvement to enable a mutually agreeable and efficient transition. Vital to the success of this phase is development of transition end point criteria and S&M planning information. Transition end point criteria and S&M planning are discussed in greater detail in Sections 8.5.3 and 8.5.4, respectively. DOE will initiate discussions with the lead regulatory agency, tribes and the public to identify issues and develop proposals within three months of an official shutdown notice decision made by DOE-HQ.

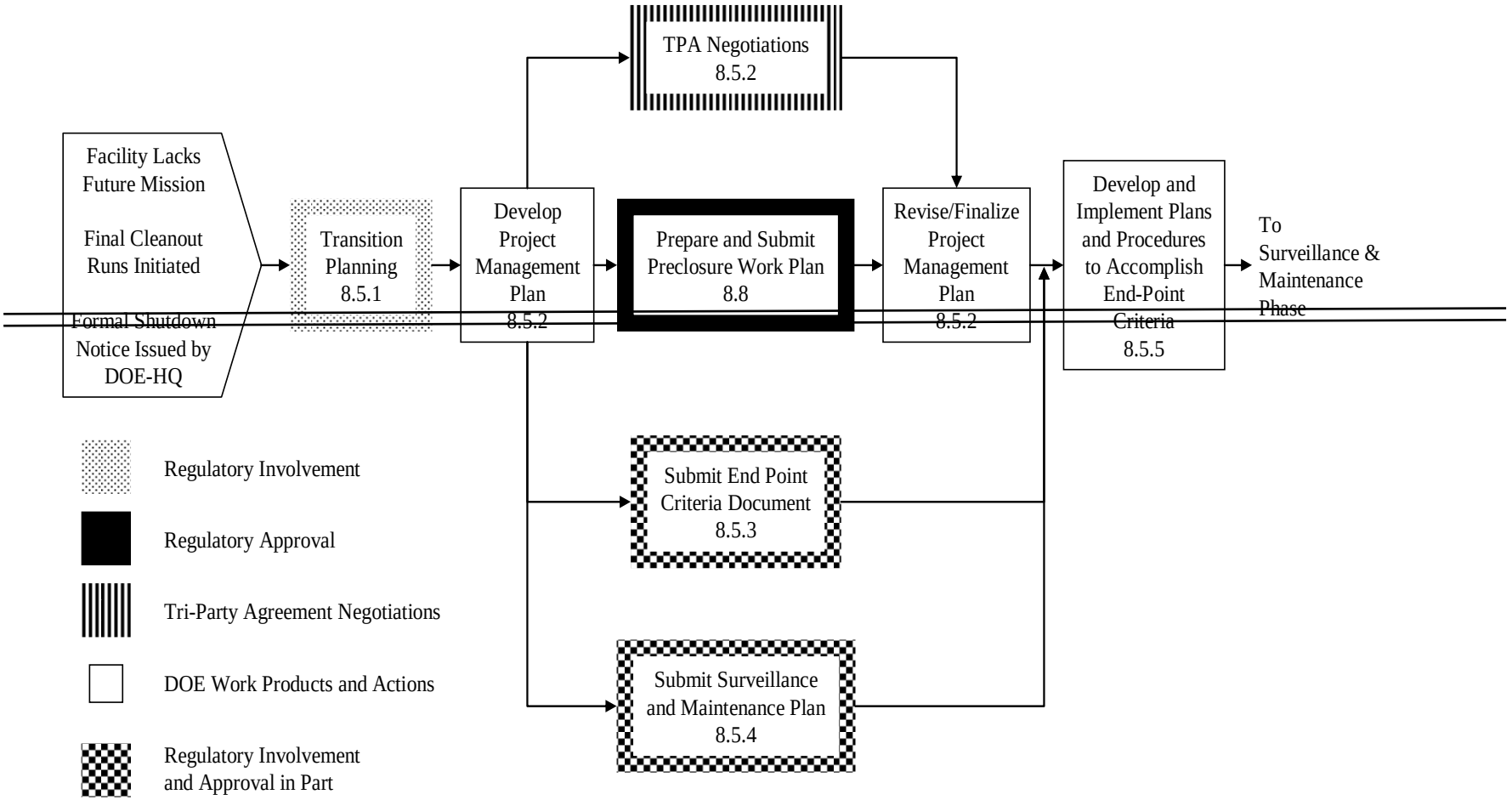
During the transition planning stage, NEPA documentation supporting transition will be initiated as necessary and a preclosure work plan or closure plan will be developed for RCRA TSD units requiring RCRA closure. Where final closure of a unit does not need to be performed in conjunction with key facility disposition, a closure plan will be submitted. Documentation produced during this stage will support protection of human health and the environment and consider waste minimization and pollution prevention opportunities.

8.5.2 Project Management Plan

The Project Management Plan (PMP) is prepared to describe how transition phase activities will be managed. The PMP contains work breakdown structures, cost and schedule information, and summarizes major project targets and Agreement milestones. If necessary, a revision to the PMP will be made at the conclusion of the Agreement negotiations to ensure consistency with scheduling agreements. The process of developing and revising the PMP is depicted in Figure 8-3.

Note – Figure 8-3 is deleted in its entirety

~~Figure 8-3 Transition Phase Breakdown~~



~~8.5.3 Transition End Point Criteria~~

~~DOE-HQ has developed a set of generic acceptance criteria for use complex wide as a target for acceptance into the S&M phase. Based on these generic acceptance criteria, facility specific transition end point criteria are developed throughout the transition phase with intent to establish acceptable final conditions of systems (i.e., tanks, piping) and spaces (i.e., rooms, areas) at the end of the transition phase. In general, the acceptance criteria require:~~

- ~~documentation for the active systems and structural integrity of the facility,~~
- ~~updated permitting and documented regulatory status that reflects the shutdown, stabilized condition of the facility,~~
- ~~documentation of remaining hazardous and radioactive material in the facility,~~
- ~~documentation of and facility history for the shutdown systems, and~~
- ~~a DOE approved S&M Plan for the facility.~~

~~The transition end point criteria are tailored specifically to the facility in question and are based on the EM acceptance criteria and regulatory, tribal and public input. Transition end point criteria will be developed and documented early in the transition phase in conjunction with discussions with the regulators, tribes and stakeholders to facilitate achieving mutually accepted criteria. Aspects of the criteria may evolve during transition necessitating revisions and refinements to the criteria.~~

~~Transition end point criteria are applicable to all facilities, and their equipment and systems accepted into a surveillance and maintenance phase. All transition end point criteria will be initially developed to incorporate regulatory, tribal and stakeholder input and values. However, lead regulatory agency approval over transition end point criteria will be specific to regulated units, and/or hazardous substances proposed to remain in the facility after the transition phase is complete. Transition end point criteria will take the form of a document addressing both regulated and nonregulated equipment and systems. This document will be submitted to the lead regulatory agency in conjunction with the preclosure work plan and S&M plan. Transition end point criteria will be consistent with, and will not prejudice the development of acceptable end state criteria. Changes to approved transition end point criteria will be coordinated with the lead regulatory agency, and approved for changes affecting regulated units and hazardous substances that will remain in the facility.~~

~~8.5.4 Surveillance and Maintenance Plan~~

~~A surveillance and maintenance (S&M) plan is developed along with transition end point criteria since the selected transition end point criteria directly dictate actions that will be performed during the S&M phase. The S&M plan describes facility-specific activities to be taken in order to adequately address monitoring, maintenance and operational requirements for the essential systems at a facility. It will ensure the facility is maintained cost effectively and in a safe, stable condition that presents no significant threat of release of hazardous substances into the environment and no significant risk to human health and the environment until final disposition is completed. Although the S&M plan evolves throughout the transition phase, focused efforts and coordination with the lead regulatory agency, tribes and stakeholders are emphasized early in the transition phase to facilitate a mutually agreeable approach to S&M.~~

The S&M plan will cover hazardous substances and both regulated and nonregulated equipment and systems. Although the S&M plan will be developed to incorporate regulatory, tribal and stakeholder input and values, lead regulatory agency approval of the S&M plan will be specific to regulated units and hazardous substances in the facility. Post-closure care activities will be negotiated with the lead regulatory agency on a case by case basis and incorporated into the S&M plan.

For facilities that contain RCRA TSD units, the S&M plan developed during the transition phase will be submitted to Ecology in conjunction with the preclosure work plan and the latest transition end point criteria document.

8.5.5 Proceed with and Complete Transition Activities

In accordance with transition planning and Agreement negotiations, internal work plans and procedures are developed to aid accomplishing the facility specific transition phase tasks. Procedures provide operational guidance for the workers to achieve the objectives outlined in the facility transition planning documentation. As systems and spaces reach their identified transition end points, S&M activities are initiated consistent with the S&M plan. At the point where all systems and spaces at the facility achieve their respective transition end point conditions, the facility will await transfer to the S&M phase contingent upon verification of achievement of end point criteria (and acceptance criteria not addressed by the end point criteria). Appropriate records documenting transition related activities will, at a minimum, be maintained through completion of the disposition phase. During the facility decommissioning process, DOE shall comply with all applicable environmental, safety and health, and security requirements.

8.6 SURVEILLANCE AND MAINTENANCE PHASE

The surveillance and maintenance (S&M) phase for facilities is conducted in accordance with the S&M plan developed for each facility. For facilities transitioned under Section 8.5, the S&M Plan is developed as part of the transition phase. For key facilities (See Section 8.1.2), which did not proceed through formal transition, but which have been transferred to DOE's Environmental Restoration Program, S&M Plan(s) will be submitted in accordance with established Agreement milestones. The S&M phase is shown in Figure 8-4. The objectives of the S&M phase are to ensure adequate containment of any contaminants left in place and to provide physical safety and security controls and to maintain the facility in a manner that will present no significant risk to human health or the environment

S&M plans will be prepared by DOE and will detail facility aspects and associated requirements including the following: (1) surveillance, (2) maintenance, (3) quality assurance, (4) radiological controls, (5) hazardous substance inventory, management and protection, (6) health and safety/emergency preparedness, (7) safeguards and security, and (8) cost and schedule. DOE shall comply with all applicable environmental, safety and health, and security requirements throughout the S&M phase.

8.6.1 Initiation of S&M Phase

The S&M Phase will start after plant operators have verified the transition end points, the lead regulatory agency and DOE-HQ have received the verification, and all appropriate approvals have been received. Initiation of the S&M phase is shown as the first box in Figure 8-4.

8.6.2 Biennial Evaluation of Disposition Priorities

Throughout the S&M phase, biennial evaluations of long-term S&M and disposition plans and schedules will be performed. These evaluations will be performed in conjunction with the biennial reviews discussed in Section 8.3.3 and Agreement negotiations to identify, evaluate and assess the status of Hanford Site priorities as well as tribal and stakeholder values. S&M surplus facilities will be included in the evaluation of disposition priorities.

8.6.3 Ongoing S&M Activities

Ongoing S&M activities will be conducted in accordance with the approved S&M plan and associated Agreement commitments until a decision is made by DOEHQ to initiate the disposition phase, or actions are required by the lead regulatory agency pursuant to the terms of Sections 8.3.3 or 8.1.

8.7 DISPOSITION PHASE

The disposition phase is initiated following a decision by DOE-HQ, or may result from a decision by the lead regulatory agency pursuant to the terms of Section 8.1. Figure 8-5 shows a breakdown of the activities associated with the disposition phase. The numbers identified in the boxes correspond with applicable discussion below. Discussion specific to closure plan revision is deferred to Section 8.8.

8.7.1 Disposition Phase Planning

Early in the disposition phase, project goals and objectives are developed in conjunction with lead regulatory agency, tribal and public input and involvement to enable a mutually agreeable and efficient disposition of the facility. A cooperative effort among all parties will be required in order to establish and revise the disposition end state consistent with applicable requirements. DOE will initiate discussions with the lead regulatory agency, tribes and public to identify issues, evaluate alternatives, and develop a proposed disposition alternative to meet defined end states.

The facility specific disposition end states are developed during the disposition planning phase with the intent to establish the ultimate acceptable condition of systems and spaces at the end of the disposition phase. Disposition end states will be developed and documented early in the disposition phase in conjunction with the lead regulatory agency, tribes and stakeholders to facilitate mutually acceptable criteria. Aspects of the end states that pertain to RCRA TSD units and/or hazardous substances shall be developed, revised or refined only with the approval of the lead regulatory agency.

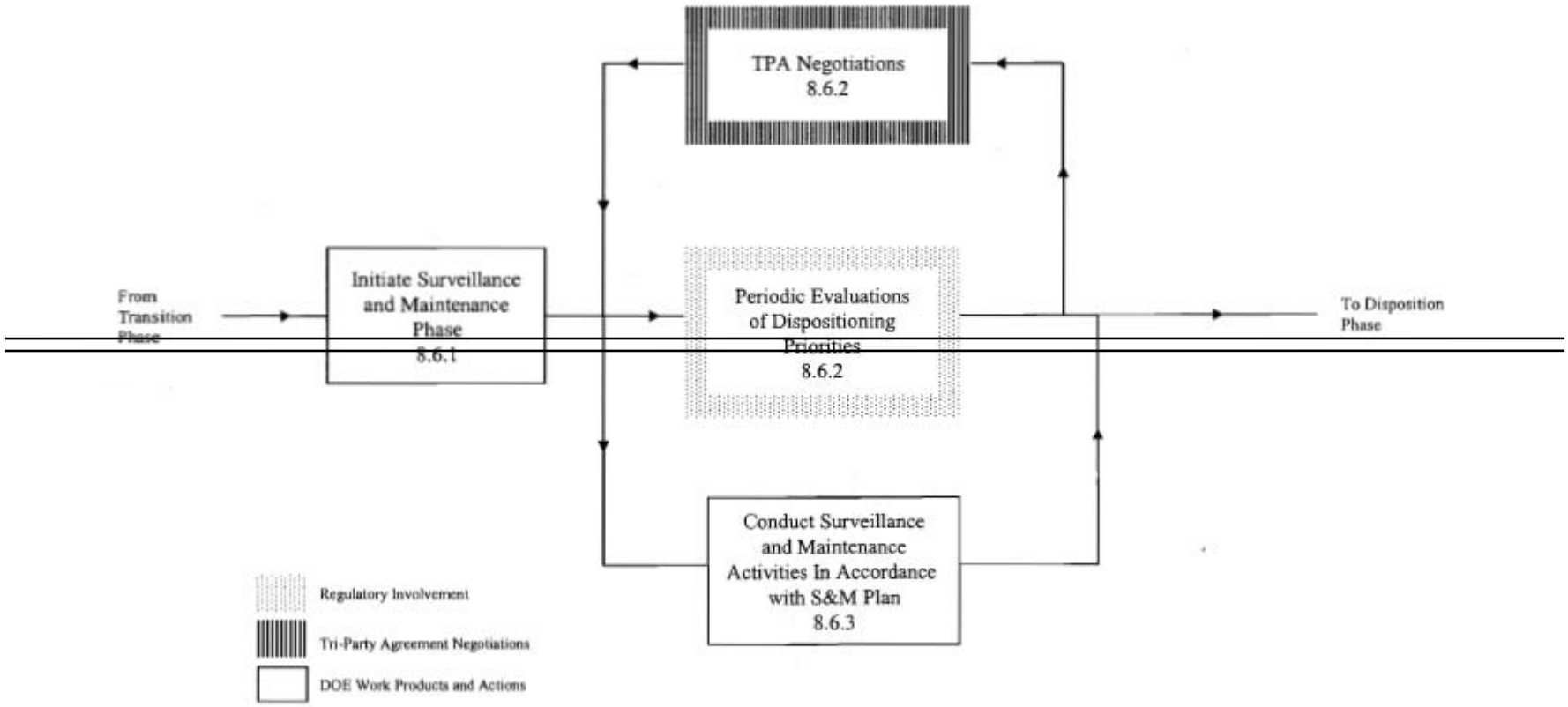
Disposition end states will be initially developed to incorporate lead regulatory agency and stakeholder input and values. The disposition end states will be contained in a document covering hazardous substances and both regulated and non-regulated equipment and systems. The lead regulatory agency will have approval authority over disposition end states for regulated RCRA TSD units and hazardous substances. This document (e.g., EE/CA, Proposed Plan) will be prepared in accordance with Section 7.0 and will be submitted to the lead regulatory agency in conjunction with any necessary closure plan. The final draft Closure Plan for RCRA TSD units will be submitted for public review and comment at the same time as the disposition planning document. DOE and the lead regulatory agency may establish Agreement commitments during the planning phase to be incorporated into the decision documentation in Section 8.7.2.

~~**8.7.2 Decision Documents**~~

~~Documentation required to authorize implementation of the disposition phase activities: a) will be prepared in accordance with the provisions of Section 7.0 and the joint policy on Decommissioning of DOE Facilities under CERCLA, and b) any necessary closure plans for RCRA TSD units will be prepared in accordance with Section 8.8. The decision document (e.g., Action Memorandum, Record of Decision, Closure Plan) issued in accordance with Section 7.0 or Section 8.8 of the Action Plan will define the final end states as developed under Section 8.7.1, as well as preliminary cost and schedules.~~

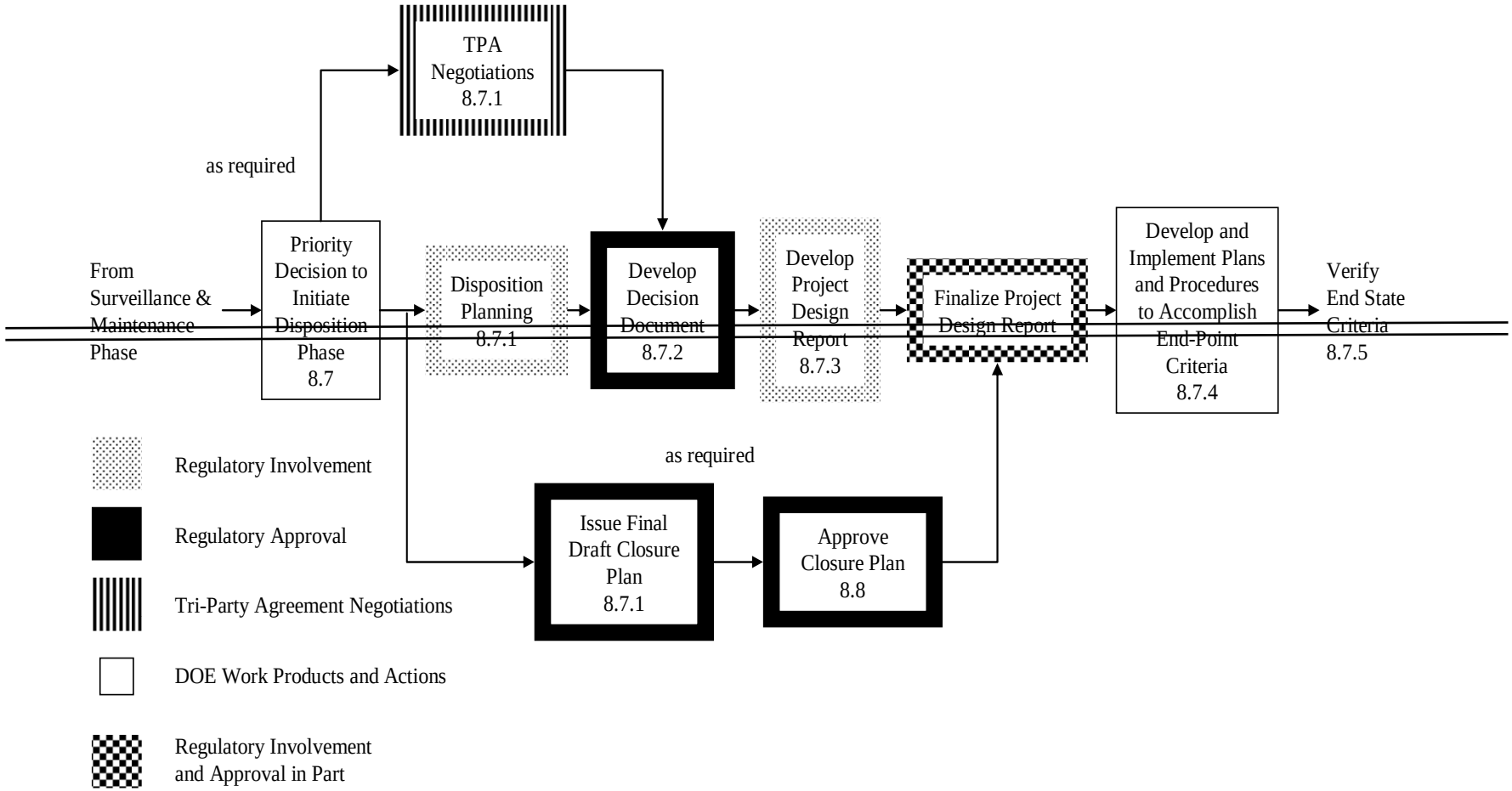
Note – Figure 8-4 is deleted in its entirety

~~**Figure 8-4 Surveillance and Maintenance Phase Breakdown**~~



Note – Figure 8-5 is deleted in its entirety

~~Figure 8-5 Disposition Phase Breakdown~~



8.7.3 Project Design Report

The Project Design Report (PDR) is prepared to describe activities during the disposition phase of the facility. The PDR is prepared consistent with Section 7.0 requirements for the remedial design/remedial action phase of the project. The report will contain a definition of the project scope (i.e., goals, objectives, background information, and scope statement), description of specific tasks, cost, and schedule for the completion of disposition. The intent of the report is to identify the basis and provide direction for preparation of detailed work packages or procedures utilized for conducting the project tasks. The contents of the PDR may be submitted as a separate document (i.e., Remedial Design Report) or as part of an overall design document. The lead regulatory agency will be involved in the development of the PDR and have approval in part to ensure consistency with the final decision document.

8.7.4 Proceed with and Complete Disposition Phase Activities

In accordance with disposition planning and associated Agreement commitments, implementing documentation will be developed to accomplish facility-specific disposition phase tasks. Detailed work packages and procedures provide operational guidance for the workers to satisfy the objectives outlined in the disposition planning documentation. At the point where all systems and spaces at the facility achieve their respective disposition end state condition, final disposition is achieved and the end states will be verified. Appropriate records documenting transition and closure related activities will be maintained on file. During the disposition phase, DOE shall comply with applicable environmental law, safety and health, and security requirements.

8.7.5 Verification of Disposition End State

During the closeout and verification of the disposition phase, achievement of disposition end state criteria will be verified. DOE will perform verification surveys and sampling. Verification will specifically tie to closure planning requirements for applicable regulated units. All verification results, regardless of the methods used, will be available to the public.

8.7.6 Integration of Disposition Phase with Operable Units

As shown on Figure 8.1, some facilities will be addressed fully in conjunction with operable unit activities under Agreement Section 7.0 or under DOE authority. These facilities are not covered by this Section 8.0. For key facilities that are only partially addressed as part of an operable unit activity, the remaining disposition phase activities will be planned conducted under this section. This may include the management of soil contamination not accessible during the operable unit activity

In the event disposition of a key facility proceeds prior to operable unit activity, the disposition of any contaminated soils and site restoration activities may be deferred to follow on operable unit activities conducted under Section 7.0. Any such agreement will be documented in writing and approved by the DOE and Lead Regulatory Agency executive managers.

8.8 PRECLOSURE WORK PLAN AND RCRA CLOSURE PLAN

Washington's HWMA and associated regulations contained in Chapter 173-303 WAC require owners or operators of dangerous waste treatment, storage or disposal facilities to have a written and approved

~~closure plan. DOE, Ecology and EPA have established a mutually acceptable closure plan format that is being used currently for Hanford Site closure plans. The basic closure plan format contains the following nine chapters: 1) Introduction, 2) Facility Description, 3) Process Information, 4) Waste Characteristics, 5) Groundwater Monitoring, 6) Closure Strategy and Performance Standards, 7) Closure Activities, 8) Postclosure Plan, and 9) References.~~

~~The nature of the decommissioning process has led DOE, Ecology and EPA to evaluate the timing of RCRA closure at key facilities. The phased decommissioning process combined with the requirements of NEPA and future land use determinations will often make completion of RCRA closure activities during the transition or S&M phases impracticable. In cases where timely completion of RCRA TSD unit closure is practicable, DOE will prepare, and submit to Ecology for review and approval, a complete closure plan for implementation during the transition phase. In cases where physical conditions and/or unknowns prevent timely completion of closure, DOE will prepare, and submit to Ecology for review and approval, a preclosure work plan for implementation during the transition phase. The preclosure work plan will detail actions to be completed during the transition phase in order to facilitate full RCRA closure in the future. These efforts may include removal of dangerous wastes and hazardous substances and/or removal or decontamination of equipment or structures contaminated with dangerous wastes or hazardous substances. The content of the preclosure work plan and its relationship to the RCRA closure plan are summarized in Table 8-23. The transition phase will not be considered complete until DOE has either completed RCRA closure and/or implemented a lead regulatory agency approved preclosure work plan. In cases where closure is not completed during the transition phase, the S&M plan for the key facility will address RCRA compliance. It is anticipated that, for such units, RCRA closure will be conducted during the disposition phase, however, Ecology may, at any time, choose to accelerate closure timing and/or initiate final closure in order to assure timely protection of human health and the environment. Agreement negotiations during the transition and disposition phases will establish Agreement milestones and target dates applicable to preclosure and closure activities.~~

~~In addition to its review and approval of RCRA closure plans and preclosure work plans, the lead regulatory agency will have approval authority in establishing acceptable transition end point criteria and disposition end states for hazardous substances and associated facility systems and spaces. The transition end point criteria document and/or disposition end states will be submitted to the lead regulatory agency with closure plans and/or preclosure work plans during the transition and/or disposition phases as appropriate (e.g., if closure will occur during the transition phase, the transition end point criteria document will be submitted with the RCRA closure plan). The lead regulatory agency will also have involvement in and receive an S&M plan for each key facility. The S&M plan will be developed by DOE and submitted to the lead regulatory agency during the transition phase in conjunction with the transition end point criteria document and closure plan or preclosure work plan. When approved, the S&M Plan will document any hazardous substances to be left at the facility during the S&M phase.~~

Table 8-2 Preclosure Work Plan and Closure Plan Elements *

Cpt	Description	Preclosure Work Plan Submitted During Transition Phase	Closure Plan on Submittal, e.g., During Disposition Phase
1	Introduction	ALL	ALL
2	Facility Description	ALL	ALL
3	Process Information	ALL	ALL
4	Waste Characteristics	ALL	ALL
5	Groundwater Monitoring	Documents the nature and extent of groundwater contamination that has occurred and describes actions necessary during the S&M phase	Documents details of groundwater investigation, necessary remediation and monitoring (may be conducted in conjunction with applicable CERCLA operable unit and RI/FS process)
6	Closure Strategy and Performance Standards	Documents the preclosure strategy, end point criteria performance standards and necessary transition phase preclosure activities. This chapter will contain a qualitative assessment of anticipated closure and postclosure outcomes, if known (i.e., clean closure or otherwise)	Remaining details including closure of secondary containment, end state of systems and material left in place, final disposition of vessels, end state of canyon structures and integration with CERCLA remedial activities. Includes cross references to surveillance and maintenance plan
7	Closure Activities	Detailed description of any closure activities and schedule(s)	Describes the remaining closure information/ activities related to disposition phase
8	Postclosure Plan	Postclosure activities will be addressed to the extent known	Detailed Postclosure plan if decision is made to leave waste in place
9	References	Includes references used in transition phase of the preclosure work plan	Includes all remaining references

* Requirements of a RCRA closure plan are specified in 40 CFR 264 and Chapter 173-303 WAC, and are only briefly summarized here

Change Number	Federal Facility Agreement and Consent Order Change Control Form	Date
J-09-01	Do not use blue ink. Type or print using black ink.	March 22, 2010

Originator | **Phone**

Matthew S. McCormick | 373-9971

CLASS OF CHANGE

[ ] I - Signatories [X] II - Executive Manager [ ] III - Project Manager

CHANGE TITLE

Establish Tri-Party Agreement Appendix J Listing of Central Plateau Facilities

DESCRIPTION/JUSTIFICATION OF CHANGE

This change package establishes a new Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Appendix J that identifies facilities (buildings and structures) located on the Central Plateau that are subject to cleanup milestones established in accompanying change package M-85-10-01.

Approval of this change package will insert the attachment into the Tri-Party Agreement as a new Appendix J. The new appendix identifies facilities that will require a CERCLA response action in accordance with the graded approach for facility disposition [Facility Evaluation (FE) process] described in change package P-00-09-02. This change package establishes the appendix and provides a preliminary listing of facilities. The listing of facilities will be revised as facility evaluations are completed.

Appendix J is new to the Tri-Party Agreement. For ease of reading, <u>double underline</u> for new text is not used in this change package.

IMPACT OF CHANGE

This change package supports implementation of the Central Plateau cleanup by integrating facilities into cleanup actions addressed by Tri-Party Agreement milestones. This change package was developed in conjunction with M-15-09-02 (site investigation milestones), M-85-10-01 (canyon OU milestones), P-00-09-02 (Action Plan Section 8 revision) and A-10-01 (definition of "facility").

AFFECTED DOCUMENTS

The HFFACO, as amended, and Hanford Site internal planning, management, and budget documents (e.g., USDOE and USDOE contractor Baseline Change Control documents; Multi-Year Work Plan; Sitewide Systems Engineering Control Documents, and Project Management Plans).

APPROVALS

_____ DOE	_____ Date	___ Approved	___ Disapproved
_____ EPA	_____ Date	___ Approved	___ Disapproved
_____ Ecology	_____ Date	___ Approved	___ Disapproved

APPENDIX J

Central Plateau Facilities

Purpose and Description

Appendix J, *Central Plateau Facilities*, is focused on Central Plateau facilities that are anticipated to require a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) response action for cleanup. The following information will be contained in Appendix J:

- Central Plateau facilities determined by the Tri-Parties, in accordance with the Graded Approach process described in Section 8 of the Action Plan, to be subject to removal or remedial action under CERCLA. These facilities are identified as Tier 1 (facilities historically designated as "Key" in Section 8 of the Action Plan) or Tier 2 facilities. The lead regulatory agency will be defined corresponding with the lead regulatory agency for operable units located in the same geographic area as the facility, unless otherwise agreed to by EPA and Ecology.
- For Tier 1 facilities, DOE and the lead regulatory agency will make a determination whether the CERCLA response action will be a remedial action or a removal action. The column titled "Decision Document" will record that determination. The title of the approved decision document will be inserted in that column when it is issued.
- Central Plateau process or other inactive facilities that have not been evaluated as part of the graded approach described in Section 8 of the Action Plan are identified as To Be Determined (TBD). Following completion of the evaluation process, the facility type will be revised to Tier 1 or 2 for those that are determined to be subject to removal or remedial action under CERCLA. Facilities determined not to be Tier 1 or 2 will be removed from the Appendix J table.
- Facilities that contain a Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and Disposal (TSD) unit are identified with a ** in the building number field.

The tables in Appendix J will be updated periodically in accordance with Tri-Party Agreement Section 12.0, *Changes to the Agreement* to reflect the results of the graded evaluation process, and to identify decision documents as they are issued.

Facilities that are actively supporting cleanup are not listed in Appendix J. When these facilities are ready for disposition, they will be added to Appendix J, as appropriate.

CENTRAL PLATEAU FACILITIES

Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document *Remedial/removal action [Tier 1]*
B Plant Geographic Area				
1	221B**	B PLANT (200-CB-1 OU)	Ecology	*Remedial action*
1[a]	224B	CONCENTRATION FACILITY	EPA	Action Memorandum for the Non-Time Critical Removal Action for the 224-B Plutonium Concentration Facility (DOE/RL-2004-36)
TBD	221BC	SWP CHANGE HOUSE		
TBD	221BF**	CONDENSATE EFFLUENT DISCHARGE FACILITY		
TBD	221BK	B PLANT CANYON VENTILATION INSTRUMENT BLDG		
TBD	242B	RADIOACTIVE PARTICLE RESEARCH LABORATORY		
TBD	291B	EXHAUST AIR CONTROL HOUSE AND SAND FILTER / STACK		
TBD	291BA	EXHAUST AIR SAMPLE HOUSE		
TBD	291BB	INSTRUMENT BUILDING - A / B FILTERS		
TBD	291BC	A AND B FILTERS		
TBD	291BD	C FILTER - INSTRUMENT BLDG		
TBD	291BF	INSTRUMENT SERVICES BUILDING D FILTER		
TBD	291BG	D FILTER INSTRUMENT BUILDING		
TBD	291BH	E FILTER VAULT		
TBD	291BK	INSTRUMENT BUILDING - E/F FILTERS		
TBD	292B	STACK MONITOR STATION		
TBD	2716B	RM CHECK OUT STATION RR TUNNEL		

Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document *Remedial/removal action [Tier 1]*
PUREX Geographic Area				
1	202A**	PUREX CANYON AND SERVICE FACILITY (200-CP-1 OU)	Ecology	*Remedial action*
TBD	203A**	ACID PUMP HOUSE		
TBD	206A	VACUUM ACID FRACTIONATOR BUILDING		
TBD	212A	FISSION PRODUCT LOAD OUT STATION		
TBD	213A	FISSION PRODUCT LOAD IN STATION		
TBD	217A	SAMCONS SURVEILLANCE FOR PUREX BLDG.		
TBD	252AB	PUREX SUBSTATION		
TBD	252AC	PUREX MINI SUBSTATION		
TBD	2711A	AIR COMPRESSOR BUILDING		
TBD	276A	COLD SOLVENT STORAGE VAULT R CELL		
TBD	291A	EXHAUST AIR FILTER AND STACK PLENUM		
TBD	291A001	STACK 202A MAIN PUREX		
TBD	291AB	EXHAUST AIR SAMPLER HOUSE		
TBD	291AC	EXHAUST AIR SAMPLER HOUSE		
TBD	291AD	AMMONIA OFF GAS BUILDING		
TBD	291AE	FILTER HOUSE #4 SOUTH OF PUREX		
TBD	291AG	SAMPLE STATION #2		
TBD	291AH	AOG SAMPLE STATION		
TBD	291AJ	SAMPLE STATION #3		
TBD	291AK	TUNNEL SPRAY ENCLOSURE AND CAISSONS		
TBD	292AA	PR STACK SAMPLE HOUSE		

Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document *Remedial/removal action [Tier 1]*
TBD	292AB	PUREX GASES EFFLUENT MONITORING BUILDING		
TBD	293A	OFFGAS TREATMENT FACILITY		
TBD	294A	OFFGAS TREATMENT AND MONITORING STATION		
TBD	295A	ASD SAMPLE STATION		
TBD	295AA	SCD SAMPLE AND PUMPOUT STATION		
TBD	295AB	PDD SAMPLE STATION		
TBD	295AC	CSL SAMPLE STATION		
TBD	295AD	SWL SAMPLE STATION		
U Plant Geographic Area				
1	221U	U PLANT CANYON AND SERVICE BUILDING (200-CU-1 OU)	EPA	Record of Decision for the 221-U Facility (Canyon Disposition Initiative) Hanford Site, Washington [EPA 2005]
1	224U	CONCENTRATION FACILITY U03 PLANT	EPA	Action Memorandum for Non-Time Critical Removal Action For U-Plant Ancillary Facilities (DOE/RL-2004-67)
2	276U	SOLVENT RECOVERY TANK (200-CU-1 OU)	EPA	Record of Decision for the 221-U Facility (Canyon Disposition Initiative) Hanford Site, Washington [EPA 2005]
2	291U	EXHAUST FANS/STACKS FOR U-PLANT (200-CU-1 OU)	EPA	
2	291U001	221U MAIN STACK (200-CU-1 OU)	EPA	
2	292U	STACK MONITORING STATION (200-CU-1 OU)	EPA	
2[a]	203UX	GAS STORAGE FACILITY	EPA	Action Memorandum for Non-Time Critical Removal Action For U-Plant Ancillary Facilities (DOE/RL-2004-67)
2[a]	211U	COLD CHEMICAL MAKE UP TANK FARM	EPA	
2[a]	211UA	COLD CHEMICAL MAKE UP TANK FARM ADDITION	EPA	

Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document *Remedial/removal action [Tier 1]*
2[a]	224UA	CALCINATION FACILITY	EPA	Action Memorandum for Non-Time Critical Removal Action For U-Plant Ancillary Facilities (DOE/RL-2004-67)
2[a]	2712U	ELECTRICAL INSTRUMENTATION BUILDING	EPA	
2[a]	2712U	ELECTRICAL INSTRUMENTATION BUILDING	EPA	
REDOX Geographic Area				
1	202S	REDOX CANYON AND SERVICE FACILITY (200-CR-1 OU)	EPA	*Remedial action*
TBD	2711S	STACK GAS MONITORING STATION		
TBD	2718S	EXHAUST AIR SAND FILTER SAMPLE BOARD SHELTER		
TBD	276S	COLD SOLVENT STORAGE AND MAKEUP BUILDING		
TBD	292S	JET PIT HOUSE		
TBD	293S	ACID RECOVERY AND GAS TREATMENT BUILDING		
T Plant Geographic Area				
1[a]	224T	TRANSURANIC STORAGE AND ASSAY FACILITY	Ecology	Action Memorandum for the Non-Time-Critical Removal Action for the 224-T Plutonium Concentration Facility (DOE/RL-2004-68)
TBD	292T	FISSION PRODUCTS RELEASE LABORATORY		
Plutonium Finishing Plant (PFP) geographic area				
1	234-5Z	PLUTONIUM FABRICATION FACILITY	Ecology	Non-Time Critical Removal Action Memorandum for PFP Above Ground Structures (DOE/RL-2005-13)

Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document *Remedial/removal action [Tier 1]*
1	236Z	PLUTONIUM RECLAMATION FACILITY	Ecology	Non-Time Critical Removal Action Memorandum for PFP Above Ground Structures (DOE/RL-2005-13)
2[a]	234-5ZA	PFP MICON, ACES, AND MASK FIT STATIONS	Ecology	
2[a]	242Z	WASTE TREATMENT FACILITY	Ecology	
2[a]	243Z	LOW LEVEL WASTE TREATMENT FACILITY	Ecology	
2[a]	243ZA	LOW LEVEL WASTE STORAGE FACILITY	Ecology	
2[a]	243ZB	COOLING TOWERS AND CONCRETE PAD	Ecology	
2[a]	2701ZA	CENTRAL ALARM STATION FACILITY	Ecology	
2[a]	2701ZD	PLUTONIUM FINISHING PLANT BADGEHOUSE	Ecology	
2[a]	2702Z	COMMUNICATIONS SUPPORT BUILDING AND TOWER	Ecology	
2[a]	2704Z	OFFICE ADMINISTRATION BUILDING // SECURED AREA	Ecology	
2[a]	2705Z	PFP OPERATION CONTROL FACILITY	Ecology	
2[a]	270Z	PFP SUPPORT FACILITY // INSIDE THE FENCE	Ecology	
2[a]	2712Z	STACK MONITORING STATION	Ecology	
2[a]	2729Z	STORAGE BUILDING	Ecology	
2[a]	2734ZL	HYDROGEN FLUORIDE FACILITY	Ecology	
2[a]	2735Z	CHEMICAL STORAGE	Ecology	
2[a]	291Z	EXHAUST AIR FILTER STACK BUILDING	Ecology	
2[a]	291Z001	STACK, 234-5Z, 236Z, AND 242Z MAIN	Ecology	
TBD	2736Z	PLUTONIUM STORAGE BUILDING		

Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document *Remedial/removal action [Tier 1]*
TBD	2736ZA	PLUTONIUM STORAGE VENTILATION STRUCTURE		
TBD	2736ZB	PLUTONIUM STORAGE SUPPORT FACILITY		

** Facility contains a Treatment Storage and Disposal (TSD) unit.

[a] Designation is based on the fact that an EE/CA has already been developed and not on the results of the graded approach process.

Change Number	Federal Facility Agreement and Consent Order Change Control Form	Date
A-10-01	Do not use blue ink. Type or print using black ink.	March 18, 2010

Originator Matthew S. McCormick

Phone (509) 373-9971

CLASS OF CHANGE

[ ] I - Signatories [X] II - Executive Manager [ ] III - Project Manager

CHANGE TITLE

Revise Appendix A Definition of "Facility"

DESCRIPTION/JUSTIFICATION OF CHANGE

Change package P-00-09-02 makes substantial revisions to the Tri-Party Agreement Action Plan Section 8, *Facility Disposition Process* (formerly *Facility Decommissioning Process*.) These changes include a change to how the term "facility" is defined for the purposes of Section 8. This change package incorporates the same change into the Action Plan Appendix A definition.

Changes to Tri-Party Agreement text are displayed by Double Underline to indicate addition of text and by ~~Strikeout~~ to indicate deletion of text.

APPENDIX A (Page A-9)

Facility (as applied to the Facility ~~Decommissioning~~ Disposition Process [Section 8]): Buildings and structures used for material handling and processing, storage, maintenance, administrative, or support activities. Facilities may be above or below grade and may be contaminated or uncontaminated. ~~A freestanding building, plant, laboratory, or other enclosure and associated buildings and disposal sites under its responsibility that fulfills, or fulfilled, a specific purpose, and is owned by or otherwise under the responsibility of the DOE-HQ.~~ (Note: This ~~usage~~ definition differs substantially from ~~that in the~~ "facility" as defined under WAC 173-303-040, Comprehensive Environmental Response, Compensation, and Liability Act [CERCLA] ~~and~~ or RCRA).

Continued on Page 2

IMPACT OF CHANGE

The change maintains consistency between the Action Plan Section 8 and Appendix A.

AFFECTED DOCUMENTS

The Hanford Federal Facility Agreement and Consent Order, as amended.

APPROVALS

DOE	Date	___ Approved	___ Disapproved
EPA	Date	___ Approved	___ Disapproved
Ecology	Date	___ Approved	___ Disapproved

Description/Justification of Change (continued)

The following changes are made to Tri-Party Agreement Appendix A to implement the Corrective Action Decision/Record of Decision (CAD/ROD) document process in conjunction with Tri-Party Agreement Change Forms P-00-09-01 and L-09-01.

APPENDIX A (Page A-4)

R-CPP RCRA-CERCLA Past Practice

APPENDIX A (Page A-17)

RCRA-CERCLA Past Practice (R-CPP): A process by which a past practice unit containing hazardous wastes or hazardous constituents and hazardous substances will be addressed for RCRA corrective action and CERCLA cleanup. (See Section 7 for the process.) ~~for corrective action, regardless of the date waste was received or discharged at a unit. (see Section 7.4)~~

Change Number	Federal Facility Agreement and Consent Order Change Control Form	Date
L-09-01	Do not use blue ink. Type or print using black ink.	February 22, 2010

Originator

Matthew S. McCormick

Phone

(509) 373-9971

Class of Change

[**X**] I - Signatories [ ] II - Executive Manager [ ] III - Project Manager

Change Title

Implementation of the Corrective Action Decision / Record of Decision (CAD/ROD) document process in the Hanford Federal Facility Agreement and Consent Order.

Description/Justification of Change

The U.S. Department of Energy, the U.S. Environmental Protection Agency and the State of Washington Department of Ecology (the Parties) have engaged in discussions regarding the coordination of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Record(s) of Decision (ROD) and Resource Conservation and Recovery Act (RCRA) (Hazardous Waste Management Act [HWMA]) Corrective Action Decision (CAD) documents and processes at the site for certain past practice units where the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) identifies a RCRA Past Practice Corrective Action process is to be followed.

Continued on Page 2

Impact of Change

These changes will implement a coordinated RCRA/CERCLA process for certain operable units.

Affected Documents

The Hanford Federal Facility Agreement and Consent Order, as amended.

Approvals

_____ _____ ___ Approved ___ Disapproved

DOE Date

_____ _____ ___ Approved ___ Disapproved

EPA Date

_____ _____ ___ Approved ___ Disapproved

Ecology Date

Description/Justification of Change, continued

The Parties have negotiated the coordination of RCRA Corrective Action and CERCLA decision processes (to produce a Corrective Action Decision and Record of Decision, or CAD and ROD) for selected past-practice units in the 200 Areas. This change will align CERCLA and RCRA decision-making processes and procedures for past-practice units that, without the change, would have been addressed under corrective action authority under the Tri-Party Agreement Action Plan (with CERCLA authority reserved). Specifically, by adding a CERCLA decision-making process to selected past-practice units that previously would have been addressed under RCRA Corrective Action authority and by providing for Corrective Action Decisions to be prepared, issued and implemented under the authority of the Tri-Party Agreement, the coordinated RCRA and CERCLA processes will address all hazardous substances under the TPA using the authority of both jurisdictions.

Changes to HFFACO text are displayed by Double Underline to indicate addition of text and by ~~Strikeout~~ to indicate deletion of text.

ARTICLE VIII. RESOLUTION OF DISPUTES

30. Except as otherwise specifically provided in this Agreement, if DOE objects to any Ecology disapproval, proposed modification, decision or determination made pursuant to Part Two of this Agreement (or Part Three requirements for which Ecology is the lead regulatory agency, except as provided in Article XXIV, Paragraph 89) it shall notify Ecology in writing of its objection within seven (7) days of receipt of such notice. Thereafter, DOE and Ecology shall make reasonable efforts to informally resolve disputes at the project manager level. These Dispute Resolution provisions shall not apply to Dangerous Waste permit actions which are otherwise subject to administrative or judicial appeal. These Dispute Resolution provisions shall not apply to enforcement actions which are otherwise subject to administrative or judicial appeal, except that these Dispute Resolution provisions shall apply in the event of the assessment of stipulated penalties under Article IX.

ARTICLE XIV. WORK

46. DOE agrees to perform the work described in this Article XIV in accordance with the Action Plan. EPA and Ecology agree to provide DOE with guidance and timely response to requests for guidance to assist DOE in its performance of work under Part Three of this Agreement. Ecology will administer RCRA Subtitle C corrective action provisions in accordance with this Agreement and issue all future modifications to the corrective action portion of the TSD permit. The selection of remedial or corrective action shall be governed by Part Three of this Agreement. Disputes between DOE and Ecology arising under this Part ~~which involve~~ concerning RCRA corrective action shall be resolved in accordance with Article VIII (Resolution of Disputes). Work undertaken at those operable units designated under the Action Plan as RCRA-CERCLA past-practice units is subject to both RCRA Corrective Action and CERCLA requirements including, but not limited to the provisions of Article IX, Article X, Article XX and Article XXI.

ARTICLE XVI. RESOLUTION OF DISPUTES

59. If a dispute arises under Part Three of this Agreement with respect to a matter for which EPA is the lead regulatory agency, or as specifically set forth elsewhere in this Agreement, the procedures of this Article shall apply. These procedures shall not apply, however, where otherwise specifically excluded. EPA and DOE shall make reasonable efforts to informally resolve disputes. Except as provided in Paragraph 46, if resolution cannot be achieved informally, the procedures of this Article shall be implemented to resolve a dispute. These Dispute Resolution provisions shall not apply to RCRA permit actions which are otherwise subject to administrative or judicial appeal. These Dispute Resolution provisions shall not apply to enforcement actions which are otherwise subject to administrative or judicial appeal, except that these Dispute Resolution provisions shall apply in the event of the assessment of stipulated penalties.

A. Within thirty (30) days after: (1) the period established for review of a primary document pursuant to Article XV (Review of Documents), or(2) any action which leads to or generates a dispute, the disputing Party shall submit to the IAMIT a written statement setting forth the nature of the dispute, the work affected by the dispute, the disputing Party's position with respect to the dispute, the information the disputing Party is relying upon to support its position, and a description of all steps taken to resolve the dispute.

B. Prior to issuance of a written statement of dispute, the disputing Party shall engage the other Party in informal Dispute Resolution among the project managers. During this informal Dispute Resolution period the EPA and DOE shall meet as many times as necessary to discuss and attempt resolution of the dispute.

C. If agreement cannot be reached on any issue within the informal Dispute Resolution period, the disputing Party shall forward the written statement of dispute to the IAMIT within the thirty (30) days specified in subparagraph A above, thereby elevating the dispute to the IAMIT for resolution.

D. The IAMIT will serve as a forum for resolution of disputes for which agreement has not been reached through informal dispute resolution. EPA and DOE shall each designate in writing one individual and an alternate to serve on the IAMIT. The individuals designated to serve on the IAMIT shall be employed at the Executive Managers level. The EPA representative on the IAMIT is the Program Manager, Hanford Project Office of EPA Region 10. DOE's representative on the IAMIT will be the Assigned Executive Manager. Written notice of any delegation of authority from a Party's designated representative on the IAMIT shall be provided to the other Party pursuant to the procedures of Article XXXIII (Notification).

E. Following elevation of a dispute to the IAMIT, the IAMIT shall have twenty-one (21) days to unanimously resolve the dispute and issue a written decision. If the IAMIT is unable to unanimously resolve the dispute within this twenty-one 21-day period, the written statement of dispute shall be forwarded by the disputing Party within seven (7) days to the Senior Executive Committee (SEC) for resolution.

F. The SEC will serve as the forum for resolution of disputes for which agreement has not been reached by the IAMIT. EPA's representative on the SEC is the Director, Office of Environmental Clean Up of EPA Region 10. DOE's representative on the SEC is the DOE Richland Operations Office Deputy Manager. The SEC members shall, as appropriate, confer, meet and exert their best efforts to resolve the dispute. The SEC shall have twenty-one (21) days to unanimously resolve the dispute.

G. If unanimous resolution of the dispute is not reached within twenty-one (21) days, EPA's Regional Administrator shall issue a final written decision resolving the dispute within fourteen (14) days. This authority can not be delegated. The time for issuing a final decision may be extended by EPA upon notice to the other Parties.

H. Within fourteen (14) days of the Regional Administrator's issuance of the final written decision on the dispute, DOE may request that the Administrator of EPA resolve the dispute if the Secretary of Energy determines that the decision of the Regional Administrator has significant national policy implications. The request must be in writing, and must identify the basis for the determination by the Secretary that the decision has significant national policy implications. If no such request is made within the fourteen (14) day period, DOE shall be deemed to have agreed with the Regional Administrator's written decision. If such a request is made, the Administrator will review and resolve the dispute in accordance with applicable law and regulations within twenty-one (21) days. Upon request and prior to resolving the dispute, the Administrator may meet and confer with the DOE to discuss the issues under dispute. The Administrator shall provide five (5) days advance notice of such meeting. Upon resolution, the Administrator shall provide a written final decision setting forth resolution of the dispute. The duties of the EPA Administrator and Secretary of Energy set forth in this Article XVI shall not be delegated.

I. The pendency of any dispute under this Part shall not affect DOE's responsibility for timely performance of the work required by this Agreement, except that, when DOE has delivered a change request to EPA one hundred seven (107) days or more in advance of when a milestone or other enforcement schedule or deadline under this Agreement is due and EPA's action on the change request has been disputed under this Article, the time period for completion of work directly affected by such dispute shall be extended for a period of time usually not to exceed the actual time taken to resolve any good faith dispute beyond ninety-three (93) days. In accordance with the procedures specified in Section 12 of the Action Plan, the Parties may agree to extend or postpone any milestone or other enforceable schedule or deadline under this Agreement during the pendency of any dispute. All elements of the work required by this Agreement which are not directly affected by the dispute shall continue and be completed in accordance with this Agreement.

J. In the event that EPA assesses stipulated penalties under Article XX (Stipulated Penalties) and DOE disputes the matter under this Article XVI, stipulated penalties with respect to the disputed matter shall continue to accrue but payment shall be stayed pending resolution of the dispute. Notwithstanding the stay of payment, stipulated penalties shall accrue from the first day of noncompliance with any applicable provision of the Agreement. In the event that Energy does not prevail on the disputed issue, stipulated penalties may be assessed and shall be paid as provided in Article XX (Stipulated Penalties).

K. When Dispute Resolution is in progress, work affected by the dispute will immediately be discontinued if the EPA project manager requests in writing that such work be stopped because, in EPA's opinion, such work is inadequate or defective, and such inadequacy or defect is likely to yield an adverse affect on human health and environment, or is likely to have a substantial adverse affect on the remedy selection or implementation process. To the extent possible, EPA shall give DOE prior notification that a work stoppage request is forthcoming. After stoppage of work, if DOE believes that the work stoppage is inappropriate, DOE may meet with the EPA to discuss the work stoppage. Within fourteen (14) days of this meeting, the EPA project manager will issue a final written decision with respect to the stoppage.

Upon receipt of this final written decision of the EPA project manager, DOE may initiate Dispute Resolution at the IAMIT level.

L. Within twenty-one (21) days of resolution of any dispute, DOE shall incorporate the resolution and final determination into the appropriate plan, schedule or procedures and proceed to implement this Agreement according to the amended plan, schedule or procedures.

M. Resolution of a dispute pursuant to this Article constitutes final resolution of the dispute and all Parties shall abide by all terms and conditions of such final resolution.

N. Any deadline in the dispute resolution process may be extended with the consent of DOE and EPA.

O. In computing any period of time prescribed in this dispute resolution process, the day a document is received shall not be included. The last day of the period so computed shall be included, unless it is a Saturday, Sunday, or a legal holiday, in which case the period runs until the end of the next day that is neither a Saturday, Sunday nor a legal holiday.

P. If a dispute arises under Part Three of this Agreement with DOE with respect to a matter for which Ecology is the lead regulatory agency and relating to an operable unit designated under the Action Plan as a RCRA-CERCLA past-practice operable unit, the dispute will be resolved as follows:

1. If there is a dispute on the selection of a CERCLA remedial action and a RCRA Corrective Action, dispute resolution processes will run concurrently under Article VIII with respect to the RCRA Corrective Action decision, and this Article and Article XXIV, Paragraph 89 with respect to selection of the CERCLA remedial action.

2. For all other disputes with DOE the matter will be resolved in accordance with Article VIII.

Change Number	Federal Facility Agreement and Consent Order Change Control Form	Date
P-00-09-01	Do not use blue ink. Type or print using black ink.	March 11, 1010

Originator **Phone**

Matthew S. McCormick 509-373-9971

Class of Change

[ ] I - Signatories [**X**] II - Executive Manager [ ] III - Project Manager

Change Title

Implementation of the Corrective Action Decision / Record of Decision (CAD/ROD) document process in the Hanford Federal Facility Agreement and Consent Order Action Plan.

Description/Justification of Change

The U.S. Department of Energy, the U.S. Environmental Protection Agency and the State of Washington Department of Ecology (the Parties) have engaged in discussions regarding the coordination of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Record(s) of Decision (ROD) and Resource Conservation and Recovery Act (RCRA) (Hazardous Waste Management Act [HWMA]) Corrective Action Decision (CAD) documents and processes at the site for certain past practice units where the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) identifies a RCRA Past Practice Corrective Action process is to be followed.

Continued on Page 2

Impact of Change

These changes will implement a coordinated RCRA /CERCLA process for certain operable units.

Affected Documents

The Hanford Federal Facility Agreement and Consent Order, as amended.

Approvals

_____ _____ _____Approved_____Disapproved

DOE Date

_____ _____ _____Approved_____Disapproved

EPA Date

_____ _____ _____ Approved_____Disapproved

Ecology Date

Description/Justification of Change (continued)

The Parties have negotiated the coordination of RCRA Corrective Action and CERCLA decision processes (to produce a Corrective Action Decision and Record of Decision, or CAD and ROD) for selected past-practice units in the 200 Areas. This change will align CERCLA and RCRA decision-making processes and procedures for past-practice units that, without the change, would have been addressed under corrective action authority under the Tri-Party Agreement Action Plan (with CERCLA authority reserved). Specifically, by adding a CERCLA decision-making process to selected past-practice units that previously would have been addressed under RCRA Corrective Action authority and by providing for Corrective Action Decisions to be prepared, issued and implemented under the authority of the Tri-Party Agreement, the coordinated RCRA and CERCLA processes will address all hazardous substances under the TPA using the authority of both jurisdictions.

Modifications to the Tri-Party Agreement Action Plan are displayed as ~~strikeout~~ for text to be deleted and double underline for text to be added.

Action Plan, Executive Summary, Pages 6 and 7:

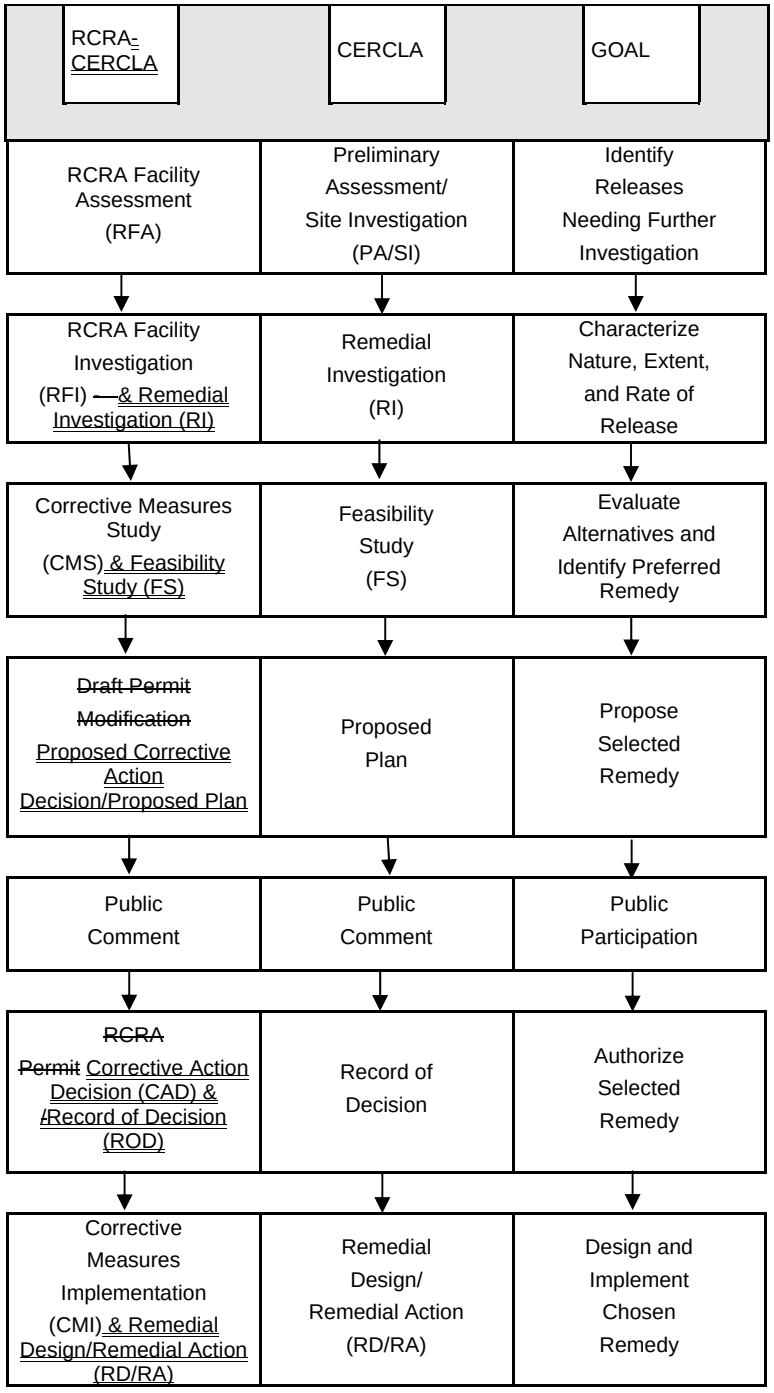
Integration of RCRA and CERCLA

RCRA and CERCLA overlap in many areas. RCRA and CERCLA both require corrective action for releases regardless of time of release. RCRA regulated wastes are also regulated under CERCLA. Many of the RCRA disposal units on the Hanford Site which are scheduled for closure are located in close proximity to past-practice units. These TSD units have been incorporated into the appropriate operable unit with the past-practice units so that integrated investigation and cleanup actions result. These TSD units will be closed under the authority of RCRA, generally in coordination with the past-practice activities. In order to streamline the interface between RCRA and CERCLA authorities within an operable unit, the past-practice units contained within an operable unit will all be designated as either ~~RCRA corrective action units or~~ CERCLA units or as RCRA corrective action and CERCLA units.

Action Plan, Executive Summary, Pages 7 and 8:

Remedial and Corrective Action

Either the CERCLA remedial action, or both the RCRA corrective action and CERCLA remedial action processes will be used for the past-practice operable units. Under either approach ~~process~~, DOE will investigate the contamination at the operable unit and study alternatives for cleaning up the problem. Following a public comment period, the appropriate regulatory agency will select the remedy. The following figure summarizes these processes, and shows that they are functionally equivalent.



A work plan will be developed for each operable unit that will address all activities from the start of field investigation through the proposed selection of a remedy for cleanup. The documentation of the selected remedy will be made available for public comment.

Appendix D provides the definitive work schedule which reflects specific dates for activities in support of the major milestones.

Action Plan, Section 3.3, Third Paragraph:

The WIDS (see Section 3.5) contains information on waste management units that was used to support the development of operable units. This information, combined with operable unit identification and prioritization criteria described in this section, resulted in the initial designation of approximately 75 operable units across the Hanford Site. Each of the operable units will be subject to an investigation in the form of either a CERCLA or a RCRA-CERCLA past-practice process as described in Sections 7.3 and 7.4, respectively. Appendix C includes a list of all the past-practice units on the Hanford Site by operable unit. In addition, current listings of all past-practice units on the Hanford Site are maintained electronically in the WIDS.

Action Plan, Section 3.5, First Paragraph, Second Sentence:

3.5 WASTE INFORMATION DATA SYSTEM/WASTE MANAGEMENT UNITS REPORT

The Waste Information Data System (WIDS) is the electronic database of waste site information for the Hanford Site. The WIDS identifies all waste management units on the Hanford Site, and describes the current status of each unit (e.g., active/inactive, TSD, CERCLA past-practice or RCRA-CERCLA past-practice), and includes other descriptive information (e.g., location, waste types.) The system is maintained by the DOE in accordance with the WIDS change control system, which documents and traces all additions, deletions and/or other changes dealing with the status of waste management units.

Action Plan, Section 5.2:

5.2 CATEGORIES OF WASTE UNITS

There are three categories of units and related statutory or regulatory authorities that will be addressed under this action plan. These categories are TSD unit, RCRA-CERCLA past-practice (R-CPP) unit, and CERCLA past-practice (CPP) unit, and are defined as follows.

5.2.1 Treatment, Storage, and Disposal Unit

This is a unit that has treated, stored or disposed of RCRA hazardous waste after November 19, 1980 or State-only dangerous waste, after March 12, 1982, or that is currently treating, storing, or disposing of RCRA hazardous waste or State-only dangerous waste. It also includes units at which such wastes will be stored, treated, or disposed in the future, except as provided by 173-303-200 WAC (waste accumulation times that do not require permitting).The TSD units are those that must receive a RCRA permit for operation or postclosure care and/or that must be closed to meet State standards. Section 6.0 describes the processes to be used to permit and/or close TSD units.

5.2.2 RCRA-CERCLA Past-Practice Unit

The purpose of this category is to address releases of RCRA hazardous wastes or constituents from sources other than TSD units at the Hanford Site regardless of the date of waste receipt at the unit. This includes single incident releases at any location on the Site and corrective action beyond the Site boundary. Releases of CERCLA hazardous substances would also be addressed. ~~Corrective action~~ The releases will be addressed ~~conducted~~ using ~~under~~ both the ~~authorized~~ state HWMA corrective action program and CERCLA authority and process. Corrective action authority is based on three separate components of HSWA as follows:

- RCRA Section 3004(u). Section 3004(u) of RCRA provides authority for corrective action at solid waste management units at a facility seeking a RCRA permit. This includes units that received any solid waste, as defined in 40 CFR Part 261.2, including RCRA hazardous wastes or hazardous constituents, at any time. Hazardous constituents are those that are listed in 40 CFR Part 261 Appendix VIII. Those waste management units that will be addressed as RPP units under Section 3004(u) are so designated in Appendix C.
- RCRA Section 3004(v). RCRA Section 3004(v) specifies that corrective action to address releases from a RCRA facility will extend beyond the physical boundaries of the Site, to the extent necessary to protect human health and the environment. Section 3004(v) does not apply to releases within the boundary of the Hanford Site.
- RCRA Section 3008(h). RCRA Section 3008(h) is a broad corrective action authority that is applicable to the Hanford Site as long as RCRA interim status is maintained. It is more expansive than RCRA Section 3004(u), in that it can be used to address corrective action for any release of RCRA hazardous waste or constituents, including single-spill incidents, and can be used to address releases that migrate offsite.

Action Plan, Section 5.4:

5.4 MANAGEMENT OF PAST-PRACTICE UNITS

This section describes the rationale for placing units in either a RCRA-CERCLA or a CERCLA past-practice category for corrective action as defined below. In many cases, either authority could be used with comparable results. The categories are as follows:

- The CPP units, (see Section 7.3)
- The R-CPP units, under both the authorized state corrective action program and CERCLA (see Section 7.4).

Since the Hanford Site was proposed for inclusion on the National Priorities List (NPL) (Federal Register, June 24, 1988), and was placed on the NPL on November 3, 1989 (Federal Register, October 4, 1989), the parties agree that regardless of a unit's designation as a CPP or R-CPP, ~~any units managed as RPP units shall address~~ all CERCLA hazardous substances ~~for the purposes of corrective action. The parties agree that~~ and all of the wastes regulated under the State Dangerous Waste Program (173-303 WAC) shall be addressed as part of any CERCLA or RCRA-CERCLA response action ~~or RCRA corrective action~~.

Section 121 of CERCLA, with provision for waivers in a limited number of circumstances, requires that remedial actions attain a degree of cleanup that meets "applicable or relevant and appropriate Federal and State environmental requirements" (ARAR). Accordingly, (1) all State-only hazardous wastes will be addressed under CERCLA, and (2) RCRA standards for cleanup or TSD requirements (as well as other applicable or relevant and appropriate Federal and State regulations) will be met under a CERCLA action (See Section 7.5 for further discussion of cleanup requirements). This eliminates many discrepancies between the two programs ~~and lessens the significance of whether an operable unit is placed in one program or the other~~.

All past-practice units within an operable unit will be designated as either R-CPP units, with Ecology as the lead regulatory agency, or CPP units, with either the EPA or Ecology as the lead regulatory agency (See Appendix C). ~~This designation will ensure that only one past-practice program will be applied at each operable unit.~~ The past practice ~~corrective action~~ process selected for each operable unit shall be sufficiently comprehensive to satisfy the technical requirements of both statutory authorities and the

respective regulations. For R-CPP operable units there will be both a Corrective Action Decision under RCRA and a Record of Decision under CERCLA.

If an operable unit consists primarily of past-practice units (i.e., no TSD units or relatively insignificant TSD units), CERCLA authority will generally be used for those past-practice units. The CERCLA authority will also be used for past-practice units in which remediation of CERCLA-only materials comprises the majority of work to be done in that operable unit. In some cases Ecology will be the lead regulatory agency for remedial action under CPP authority.

The R-CPP authority will generally be used for operable units that contain significant TSD units and/or lower priority past-practice units.

Currently assigned R-CPP and CPP designations are shown in Appendix C. Further assignments will be made in accordance with Section 12.2 prior to initiation of any actions for those operable units.

The EPA and Ecology shall jointly determine whether an operable unit will be managed ~~under the authority of~~ as an R-CPP or CPP unit. Such designation may be changed due to the discovery of additional information concerning the operable unit. If a change in ~~authority~~ management (e.g. change from R-CPP to CPP unit) is proposed after the Remedial Investigation/Feasibility Study (RI/FS) or RCRA Facility Investigation/Corrective Measures Study (RFI/CMS) work plan, as described in Section 7.0, has been submitted to the lead regulatory agency (see Section 5.6 on discussion of lead regulatory agency), the change requires the agreement of all parties.

Action Plan, Section 6.1, third paragraph:

6.1 INTRODUCTION

This section discusses the requirements of RCRA and the State of Washington Hazardous Waste Management Act, Chapter 70.105 RCW, and pertains to all units that were used to store, treat, or dispose of RCRA hazardous waste and hazardous constituents after November 19, 1980; State-only hazardous waste after March 12, 1982; and units at which such wastes will be stored, treated, or disposed in the future, except as provided by 173-303-200 WAC.

A list of these units, or grouping of units, is provided in Appendix B. Section 3.0 identifies the criteria by which these units will be scheduled for permitting and closure actions.

Some of the TSD groups/units (primarily land disposal units) have been included in operable units, as discussed in Section 3.3. The information necessary for performing RCRA closures within an operable unit will be provided in coordination with various RFI/CMS or RI/FS documents. These documents will include a coordinated past-practice site investigation/RCRA closure/RCRA corrective action approach in order to implement applicable regulations as discussed in Section 5.5.

Action Plan, Section 7.1:

7.1 INTRODUCTION

This section has the following five purposes.

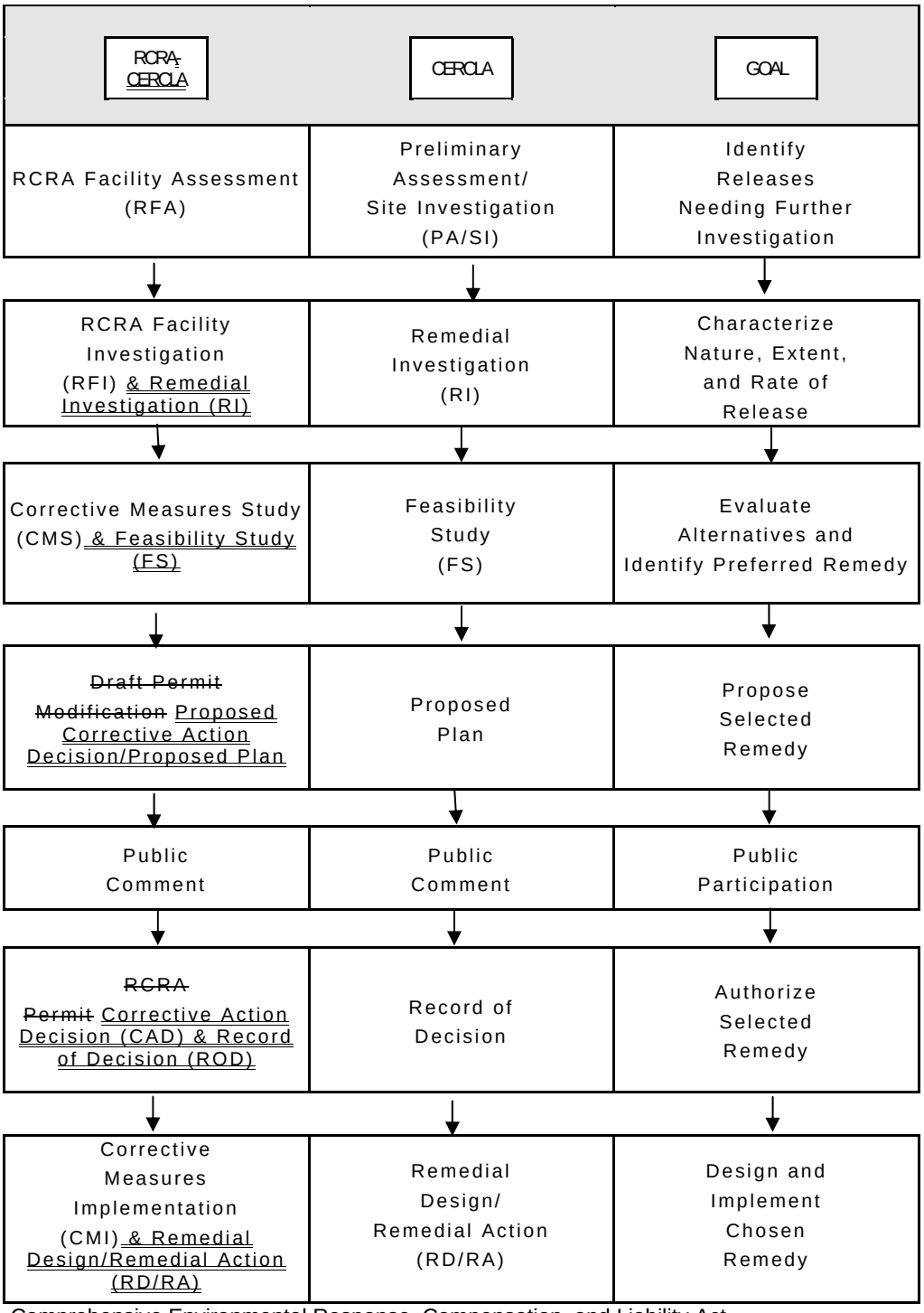
- Describe the processes that are common to both CPP units and R-CPP units (Section 7.2).
- Describe the steps to be followed if the past-practice units at a given operable unit are to be managed through the CERCLA process (Section 7.3).

- Describe the steps to be followed if the past-practice units at a given operable unit are to be managed through the R-CPP unit process (Section 7.4).
- Describe the process for setting cleanup standards for any CPP or R-CPP remedial action (Section 7.5).
- Describe the role of other Federal agencies in the investigation and remedial action processes (Sections 7.6 and 7.7).

Approximately 1,200 waste management units have been identified within the boundaries of the 560-square mile Hanford Site. This includes approximately 1,000 past-practice units. Most past-practice units are located in two general geographic areas as identified by the DOE (the 100 and 200 Areas). Other past-practice units are located in the 300, 1100 and other areas of the Hanford Site. The 100, 200, 300, and 1100 Areas were identified as aggregate areas for inclusion of the Hanford Site on the CERCLA NPL. Figure 7-1 reflects these geographic areas at the Hanford Site. Each of these areas has a unique environmental setting and waste disposal history. The four aggregate areas were proposed for inclusion on the NPL on June 24, 1988, and were placed on the NPL on November 3, 1989 (Federal Register, October 4, 1989). The remaining past-practice units from other areas have been assigned to operable units within one of the four aggregate areas for the purpose of investigation and subsequent action. Any future units that may be identified will also be assigned to operable units within an aggregate area.

Cleanup of past-practice units will be conducted pursuant to either the CERCLA process (Section 7.3) or under both RCRA and CERCLA processes (Section 7.4). Figure 7-2 highlights the major steps involved in both the CPP and R-CPP programs and indicates how each of these steps is related to a comparable step in the other program. It shows that the steps ~~of CERCLA~~ are functionally equivalent ~~to steps in the RPP program~~. Accordingly, the investigative process at any operable unit can proceed under either the CPP or the R-CPP program.

Action Plan, Figure 7-2:



CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act
RCRA = Resource Conservation and Recovery Act
Note: Interim response actions or interim measures can be performed at any point in the remedial action/corrective measure process.

Figure 7-2. Comparison of Joint Resource Conservation and Recovery Act Corrective Measure and Comprehensive Environmental Response, Compensation, and Liability Act Remedial Action Processes with that of CERCLA alone.

Action Plan, Section 7.2:

7.2 PRELIMINARY PROCESSES

Section 5.4 describes the rationale for managing operable units under either the CPP or the R-CPP category. The following processes apply to all past-practice units, regardless of whether they are classified as R-CPP or CPP units.

Action Plan, Section 7.2.3:

7.2.3 Response to Imminent and Substantial Endangerment Cases

In the event that a situation is determined by the lead regulatory agency to represent an imminent and substantial endangerment to the public health or welfare or the environment because of an actual or threatened release of a hazardous substance or hazardous waste or solid waste at an operable unit, the lead regulatory agency may require the DOE to immediately initiate activities to abate the danger or threat. CERCLA, RCRA and the HWMA all include provisions to quickly respond to such situations. If the operable unit is being managed under the CPP procedures, abatement in accordance with Section 104 ~~106~~ of CERCLA and the applicable sections of the National Contingency Plan (NCP) (40 CFR Part 300) is preferred. If the operable unit is being managed under the R-CPP procedures, ~~abatement under the provisions of the HWMA will be preferred~~ the lead regulatory agency will choose the authority (RCRA and/or CERCLA) under which to address the imminent and substantial endangerment. If the operable unit has not yet been assigned to either the CPP or R-CPP process, the EPA and Ecology will jointly choose an authority to address the imminent and substantial endangerment and will assign a lead regulatory agency to oversee DOE's efforts in completing the project.

The DOE may voluntarily submit a proposed method for abatement to the lead regulatory agency at any time. In cases involving a proposed method for abatement, the lead regulatory agency must approve the DOE's proposal prior to initiation of field work. The final selection of remedy for an abatement action shall be consistent, to the extent practicable, with the final selection of remedial action (for CPP units) or corrective measures and remedial action (for R-CPP units) anticipated for the unit(s).

To expedite the cleanup process, neither the specified abatement method nor the proposal for abatement will be subject to the public comment process, except as required by law. However, the public will be kept informed of the status of the abatement process through other means as described in Section 10.0. After completion of all required abatement activity, the routine RI/FS or RFI/CMS process will be implemented, or continued, in accordance with the work schedule (Appendix D). The procedures specified in Section 7.3 or 7.4, respectively, will be followed.

Action Plan, Section 7.2.4:

7.2.4 Interim Response Action and Interim Measure Processes

If data or information acquired at any time indicate that an expedited response is needed or appropriate because of an actual or threatened release from a past-practice unit, the lead regulatory agency may require the DOE to submit a proposal for an expedited response at that unit. In addition, the DOE may submit such a proposal at any time, without request from the lead regulatory agency.

Both CERCLA and RCRA include provisions for expedited responses. These expedited responses will be reserved for situations in which an expedited response is determined to be warranted by the lead regulatory agency, which for purposes of this section includes both interim response action and interim measures. An IRA refers to the CERCLA process and an IM refers to the RCRA process. The IRA or IM process will be used in cases where early remediation will prevent the potential for an imminent and substantial endangerment or an imminent hazard to develop. It may also be used in cases where a single unit within an operable unit is a high priority for action, but the overall priority for the operable unit is low. In this way, a specific unit or release at an operable unit can be addressed on an expedited schedule, when warranted.

In addition to the CERCLA and RCRA authorities, Section 2 of Executive Order 12580, dated January 29, 1987, allows the DOE to implement removal actions in circumstances other than emergencies. To the extent that a removal action taken by the DOE under Executive Order 12580 could be inconsistent with the CERCLA or RCRA processes, or if such action could alter the schedules as set forth in Appendix D, the concurrence of DOE and the lead regulatory agency shall be required prior to initiation of field work in accordance with the modification procedures described in Section 12.0.

If the operable unit is being managed under the CPP procedures, an IRA proposal shall be submitted by the DOE to the lead regulatory agency, and the IRA shall be conducted in accordance with 40 CFR Part 300 Subpart E. If the operable unit is being managed under the R-CPP procedures, the IM and/or IRA proposal shall be submitted to the lead regulatory agency, and the IM and/or IRA shall be conducted in accordance with applicable regulations of the authority through which action is implemented. If the operable unit has not yet been assigned to either the CPP or R-CPP process, the EPA and Ecology will jointly choose an authority to address the expedited response.

Any proposal for an IRA or an IM must be approved by the lead regulatory agency prior to initiation of field work. The selection of remedy for an IRA or an IM shall be consistent, to the extent practicable, with anticipated alternatives for final selection of remedial action (for CPP units) or corrective measures and remedial action (for R-CPP units).

Public comment on the IRA proposal, as well as other public participation opportunities, will be provided as described in Section 10.0.

Action Plan, Section 7.4:

7.4 RESOURCE CONSERVATION AND RECOVERY ACT AND COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT PAST-PRACTICE UNIT PROCESS

The R-CPP processes are the subject of this Section and are governed by the authorized state corrective action program and CERCLA.

7.4.1 Resource Conservation and Recovery Act Facility Assessment

For those units that are defined as R-CPP units, ~~(see definition in Section 7.1),~~ the lead regulatory agency for an operable unit may require the DOE to conduct a RCRA facility assessment (RFA) of all or some of the R-CPP units within that operable unit. The need for an RFA is based on whether sufficient knowledge exists to determine if an RFI and RI is required. Based on the results of the RFA, the lead regulatory agency may require additional information from the DOE, or it may determine that no further investigation or corrective action is required for any of the R-CPP units within the operable unit. The project manager for the lead regulatory agency for that operable unit may direct the DOE to conduct a RFI and RI based on results of the RFA.

The RFA will be developed in accordance with current applicable regulations, guidance documents, and written policy available at the time the RFA is begun. An RFA report will be prepared documenting the results of the RFA. The RFA report is a primary document as described in Section 9.0. If the lead regulatory agency determines that further investigation is necessary, the project manager for the lead regulatory agency will direct the DOE to prepare an RFI and RI report, as described below.

In some cases, sufficient information may already exist that indicates that further investigation will be required. In these cases the RFA process will be bypassed and effort will be focused on the RFI/CMS and RI/FS. Figure 7-5 shows the normal sequence of events that occur during the RFI/CMS process.

7.4.2 Resource Conservation and Recovery Act Facility Investigation and Remedial Investigation

Each RCRA Facility Investigation (RFI) and Remedial Investigation (RI) will address all units within a specific operable unit, as identified in the RFI/CMS and RI/FS work plan. Certain operable units also contain TSD units, primarily land disposal units that are to be investigated and managed in conjunction with past-practice units. The information necessary for performing RCRA closures within an operable unit will be provided in coordination with various RFI/CMS and RI/FS documents as discussed in Section 5.5. ~~The RFI/CMS work plan will be functionally equivalent to an RI/FS work plan (see Section 7.3.2)~~. Timing for submittal of the work plan will be in accordance with the work schedule (Appendix D).

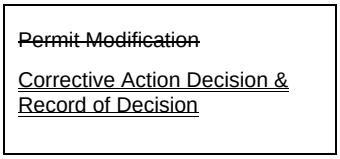
An RFI and RI report will be prepared by the DOE, and it will document the results of the RFI and RI. The RFI and RI report is a primary document as described in Section 9.0. The schedule for conducting the RFI and RI will be specified for each operable unit in the work schedule (Appendix D) and integrate any planned facility dispositioning in accordance with Section ~~8~~.3. T~~he parties agree that t~~he information obtained through the RFI and RI must include ~~be functionally equivalent to~~ information gathered in the CERCLA process through the RI Phases I and II, as described in Sections 7.3.3 and 7.3.6.

Based on the results of the RFI and RI, the lead regulatory agency may determine that no further investigation or corrective action is required for each R-CPP unit in an operable unit. The project manager from the lead regulatory agency for that operable unit may direct the DOE to conduct a CMS and FS based on results of the RFI.

Alternatively, a CERCLA RI prepared as described in Section 7.3.2, 7.3.3 and 7.3.6 may substitute for an RFI and RI.

Figure 7-5. Overview of RCRA Facility Investigation~~/~~ -Corrective Measures Study Process

Modify box in lower right corner of Figure 7-5 as follows:



7.4.3 Corrective Measures Study and Feasibility Study and Proposed Corrective Action Decision/Proposed Plan

A Corrective Measures Study (CMS) and Feasibility Study (FS) shall be prepared by the DOE and will include an identification and development of the corrective measure and remedial action alternative(s), an evaluation of these alternatives, and a justification for the recommended alternative. The CMS and FS will include development of a cost estimate for each alternative considered.

A CMS and FS report documenting the results of the study will be prepared by the DOE. The CMS and FS report is a primary document as described in Section 9.0. The schedule for conducting the CMS and FS will be specified for each operable unit in the work schedule (Appendix D). ~~The CMS report will become the basis for revision of the RCRA permit through the modification or revocation and reissuance processes described in Section 6.2. T~~he parties agree that the information obtained through the CMS and FS must include ~~be functionally equivalent to~~ information gathered in the CERCLA process through the FS Phases I, II, and III as described in Sections 7.3.4, 7.3.5, and 7.3.7.

~~The lead regulatory agency for the operable unit shall continue its oversight role through the corrective measures implementation (CMI) phase and through any long-term monitoring or maintenance phase that is specified in the CMI work plan.~~

Alternatively, a CERCLA FS prepared as described in Sections 7.3.4, 7.3.5, and 7.3.7 may substitute for a CMS and FS, provided that the FS includes an assessment of (or a basis on which to assess) satisfaction of state corrective action standards in evaluating alternatives.

With consideration of all information generated through the preceding investigative and study processes, the DOE shall prepare a proposed corrective action decision/proposed plan in accordance with the schedule specified in the work schedule (Appendix D). The proposed corrective action decision/proposed plan is a primary document as described in Section 9.0. The proposed corrective action decision/proposed plan must describe an analysis of the feasible alternatives and clearly state why the proposed remedy is the most appropriate for the operable unit, based on state corrective action decision criteria and written CERCLA guidance and criteria.

Once the lead regulatory agency has approved the CMS and FS Report and the proposed corrective action decision/proposed plan, the documents will be made available for public review and comment in accordance with the procedures described in Section 10.0. Public review of the proposed corrective action decision/proposed plan will provide opportunity for consideration of an additional criterion in preparation of the Corrective Action Decision and Record of Decision. This criterion is community preference or concerns about the proposed alternatives.

7.4.4 Corrective Action Decision and Record of Decision

After the public comment period has closed on the CMS and FS report and the proposed corrective action decision/proposed plan, the corrective action decision/record of decision (CAD/ROD) process will begin.

A draft CAD will be prepared by the Department of Energy and will describe the decision making process for corrective measures selection, and summarize the alternatives developed, screened, and evaluated in accordance with state corrective action requirements, incorporating by reference, as appropriate, the ROD discussion of the same topics. The CAD must be signed by Ecology. A draft ROD will be prepared by the Department of Energy in accordance with EPA guidance and NCP requirements and will describe the decision making process for remedy selection, and summarize the alternatives developed, screened, and evaluated in accordance with CERCLA and the NCP. The ROD must be signed by the EPA. A draft CAD and draft ROD prepared by DOE shall include a draft responsiveness summary addressing

comments received on the proposed corrective action decision/proposed plan. The draft CAD and Draft ROD shall be provided to EPA and Ecology within 60 days of the close of the proposed corrective action decision/proposed plan comment period, or such other timeline as agreed to by the parties. Ecology working with DOE will finalize the CAD within 120 days of delivery of the draft CAD, or such other timeline as agreed to by the parties; any disputes between Ecology and DOE during development of the final CAD will be resolved in accordance with the dispute resolution procedures in Article VIII, Resolution of Disputes. Ecology working with DOE and EPA will finalize the ROD within 120 days of delivery of the draft ROD or such other timeline as agreed to by the parties; any disputes with DOE during development of the final ROD will be resolved in accordance with the dispute resolution procedures in Article XLV, Resolution of Disputes. The Article VIII and Article XLV dispute resolution processes on selection of a CERCLA remedial action and a RCRA corrective action will run concurrently in accordance with Paragraph 59(P). The ROD will become part of the CERCLA administrative record for each operable unit CERCLA decision and the CAD will become part of the RCRA administrative record for each operable unit CAD decision. The lead regulatory agency shall continue its role after issuance of the CAD and ROD, including oversight of the remedial design and remedial action phases, as described below.

7.4.4 5 Corrective Measures and Remedial Design/Remedial Action Implementation

The lead regulatory agency for the operable unit shall continue its oversight role through the corrective measures implementation (CMI) and Remedial Design/Remedial Action (RD/RA) phase including any long-term monitoring or maintenance phase that is specified in the CMI and RD/RA work plan.

Following issuance of the CAD and ROD, the CMI and RD/RA phase will be initiated as provided under Section 11.6, in accordance with a schedule agreed to by the project managers. Milestone change requests shall be processed in accordance with Section 12.0.

The DOE will initiate, maintain progress toward completion of, and complete any necessary corrective and remedial action for all R-CPP units within each operable unit in accordance with ~~the~~ a CMI and RD/RA work plan and corrective measures and RD design (CMD and RD) report. The CMD and RD report will satisfy the requirements of Section 7.3.9. This work will be done in accordance with current applicable regulations, guidance documents, and written policy available at any time during the corrective and remedial action process. ~~It is agreed by the parties that the content of the~~ The CMI and RD/RA work plan will satisfy the requirements of an ~~be considered to be functionally equivalent to that of the~~ RA work plan described in Section 7.3.10.

The CMI and RD/RA work plan and the ~~corrective measures design (~~CMD and RD~~)~~ report, which are produced as part of the CMI and RD/RA phase, are primary documents as described in Section 9.0. The schedule for developing the CMI and RD/RA work plan and conducting the CMI and RD/RA will be specified for each operable unit in the work schedule (Appendix D). The CMI and RD/RA phase will be conducted in accordance with the schedule of compliance specified in ~~the RCRA permit and~~ the work schedule (Appendix D).

Upon satisfactory completion of the CMI and RD/RA phase as described in the CMI and RD/RA work plan for a given operable unit, the lead regulatory agency shall issue a certificate of completion to the DOE for that operable unit. At the discretion of the lead regulatory agency, a certificate of completion may be issued for completion of a portion of the CMI and RD/RA phase for an operable unit.

7.4.6 Operation and Maintenance

The operation and maintenance (O&M) phase will be initiated at each operable unit when the CMI and RD/RA phase has been completed. This phase will include inspections and monitoring as described in

the O&M plan. In all cases where waste or contamination is left in place as part of the CMI and RD/RA, the O&M phase is expected to be a long-term activity. Where waste or contamination is left in place, the operable unit will be evaluated by the lead regulatory agency at least every 5 years during the O&M phase to determine whether continued O&M activity is indicated or further CMI and RD/RA is required. The lead regulatory agency may conduct more frequent evaluations should data indicate this is necessary to ensure effective implementation of the CMI and RD/RA. All O&M data and records obtained to that date, along with any additional information provided by DOE, will be used in that evaluation.

In cases where all waste or contamination is removed or destroyed, a short period for the O&M phase for specific units within an operable unit may be specified by the lead regulatory agency. The lead regulatory agency may, where appropriate, allow for the O&M phase to be terminated for certain units within an operable unit while requiring O&M to be continued at other units. In these cases, certain units may be considered for delisting in accordance with the NCP, after the O&M phase has been completed.

The O&M plan is a primary document as described in Section 9.0. The schedule for conducting significant steps described in the O&M plan is specified for each operable unit in the work schedule (Appendix D).

7.4.5~~5~~7 Offsite Releases and Corrective Action

In the event that hazardous constituents or contamination from a landfill unit, surface impoundment, or waste pile is found to have migrated beyond the boundaries of the Hanford Site, the lead regulatory agency may require that corrective action for such contamination be conducted. Corrective action authority will be implemented through a schedule of compliance. The DOE shall make every reasonable effort to gain access to investigate and remediate offsite contamination. The DOE will document attempts to attain offsite access for investigative work and corrective action in such cases, in accordance with the access provisions as specified in Article XXXVII of the Agreement. Where necessary to accomplish offsite RA, such releases may be addressed by the lead regulatory agency under CERCLA authority.

The DOE will initiate, maintain progress toward completion of, and complete any offsite corrective action required by the lead regulatory agency, in accordance with the time frames specified in the work schedule (Appendix D) and in accordance with current applicable regulations, guidance documents, and written policy available at any time during the corrective action process.

Action Plan, Section 7.5:

7.5 CLEANUP REQUIREMENTS

In accordance with Section 121(d) of CERCLA, the DOE will comply with all ARARs when hazardous substances, pollutants, or contaminants are to remain onsite as part of RAs. These requirements include cleanup standards, standards of control, and other substantive environmental protection requirements and criteria for hazardous substances as specified under Federal or State laws and regulations. The parties intend that ARARs, as appropriate, will apply at all past-practice units ~~being managed under the RPP program~~ at the Hanford Site to ensure continuity between the RCRA and CERCLA authorities.

"Applicable requirements" are those cleanup standards, standards of control, and other substantive environmental protection requirements, criteria, or limitations promulgated under Federal or State law. These requirements specifically address a hazardous substance, pollutant, contaminant, hazardous waste, hazardous constituent, RA, location, or other circumstance at the Hanford Site.

"Relevant and appropriate requirements" are those which do not meet the definition of applicable requirements, yet pertain to problems or situations similar to those encountered in the cleanup effort at the Hanford Site. Such requirements must be suited to the unit under consideration and must be both relevant and appropriate to the situation.

The ARARs are classified into three general categories as follows:

- Ambient or chemical-specific requirements. These are established numeric criteria for various constituents. These criteria are usually set from risk-based or health-based values or methodologies
- Performance, design, or other action-specific requirements. These are usually technology or activity-based requirements or limitations on actions taken with respect to a given hazardous substance or hazardous constituent
- Location-specific requirements. These are restrictions placed on the concentration of hazardous substances or hazardous constituents or on the conduct of activities solely because they occur in special locations.

In addition to ARARs, certain non-promulgated Federal or State criteria, advisories, guidance, and proposed standards may be used to establish cleanup standards. These "to-be-considered" criteria can be imposed if necessary to assure protection of human health and the environment but are not necessarily legally binding. These criteria will be specified by the lead regulatory agency in cases where an ARAR does not exist, or in cases where the lead regulatory agency does not believe the ARAR is protective of human health and the environment given the site specific conditions.

For units which are selected for abatement actions or interim actions, as described in Sections 7.2.3 and 7.2.4, ARARs will be applied, where appropriate, recognizing that these units will later be subject to ARARs during the final remedial or corrective action process.

Compliance with an ARAR may be waived in certain circumstances, as specified in current EPA guidance on cleanup requirements. Waivers will be limited to the following situations:

- Cases in which the remedy selected is only part of a total remedial action that will satisfy the ARAR when completed.
- Cases in which compliance with an ARAR will result in a greater risk to human health and the environment than an alternative option.
- Cases in which compliance with an ARAR is technically impracticable from an engineering perspective.
- Cases in which alternative treatment methods to those specified as ARARs have been shown to result in equivalent standards of performance.
- With respect to a State standard, requirement, criteria, or limitation, the State has not consistently applied procedures to establish a standard, requirement or criteria or demonstrated the intention to consistently apply the standard, requirement, criteria, or limitation in similar circumstances at other RAs.

Federal statutes, regulations, and "to-be-considered" criteria from which cleanup requirements will be developed are included in the current EPA guidance document, "CERCLA Compliance with Other Laws Manual." The following list identifies the key state statutes and regulations from which cleanup requirements will be developed for the Hanford Site. This list is not intended to be inclusive; other standards may be applicable on a case-by-case basis. In addition, this list can be expanded as new State statutes and regulations become effective:

- Washington State Environmental Policy Act--Chapter 43.21C RCW, and implementing regulations;

Guidelines Interpreting and Implementing the State Environmental Policy Act--197-11 WAC

- Water Well Construction Act--Chapter 18.104 RCW, and implementing regulations;
  Minimum Standards for Construction and Maintenance of Water Wells--173-160 WAC
- Washington Clean Air Act--Chapter 70.94 RCW
- Solid Waste Management, Recovery and Recycling Act--Chapter 70.95 RCW, and implementing regulations;
  Minimum Functional Standards for Solid Waste Handling--173-304 WAC
- Nuclear Energy and Radiation Act--Chapter 70.98 RCW, and implementing regulations;
  Standards for Protection Against Radiation-- 402-24 WAC

  Licensing Requirements for Land Disposal of Radioactive Waste--402-61 WAC

  Monitoring and Enforcement of Air Quality and Emission Standards for Radionuclides--402-80 WAC
- Hazardous Waste Management-Chapter 70.105 RCW, and implementing regulations;
  Dangerous Waste Regulations--173-303 WAC
- Model Toxics Control Act--Chapter 70.105D RCW, and implementing regulations;
  Model Toxics Control Act Cleanup Regulation--173-340 WAC
- Washington State Water Code--Chapter 90.03 RCW
- Regulation of Public Groundwaters--Chapter 90.44 RCW
- Water Pollution Control Act--Chapter 90.48 RCW, and implementing regulations;
  Water Quality Standards for Water of the State of Washington--173-201 WAC

  State Waste Discharge Program--173-216 WAC Underground Injection Control Program--173-218 WAC

  National Pollution Discharge Elimination System Permit Program--173-220 WAC
- Water Resources Act of 1971--Chapter 90.54 RCW
- Shoreline Management Act--Chapter 90.58 RCW and implementing regulations, 173-14 through 173-22 WAC

The DOE shall use the Federal and State sources of information, as mentioned above, in developing proposed ARARs during the RI/FS (or RFI/CMS and RI/FS) process. The detailed documentation of ARARs shall be provided in an appendix to the FS Phase III Report (or CMS and FS report).

The lead regulatory agency for each CERCLA and RCRA-CERCLA operable unit shall prepare a summary of the rationale for selection of ARARs for the ROD. ~~The lead regulatory agency of each RPP operable unit shall prepare a summary of the rationale for selection of the ARARs for the fact sheet that will accompany the CMS report (including permit modification or permit revocation and reissuance, as applicable).~~

In the event that new standards are developed subsequent to initiation of RA at any operable unit, and these standards result in revised ARARs or "to-be- considered" criteria, these new standards will be considered by the lead regulatory agency as part of the review conducted at least every five years under Section 121(c) of CERCLA.

Action Plan, Section 7.8, first paragraph:

7.8 QUALITY ASSURANCE

The level of quality assurance and quality control (QA/QC) for the collection, preservation, transportation, and analysis of each sample which is required for implementation of this Agreement shall be dependent upon the data quality objectives for the sample. Such data quality objectives shall be specified in RI/FS or RFI/CMS work plans or in other work plans that may be used to describe sampling and analyses at CERCLA or RCRA-CERCLA past-practice units.

Action Plan, Section 9.2, Table 9-1:

Table 9-1. Primary Documents.

Remedial investigation/feasibility study (RI/FS) work plan

Remedial investigation (RI) Phase II report

Feasibility study (FS) Phases I and II report

FS Phase III report

Preclosure Work Plan

Proposed plan

Proposed Corrective Action Decision/Proposed Plan

Remedial design (RD) report

Remedial action (RA) work plan

Remedial design and remedial action (RD/RA) work plan

Operation and maintenance (O&M) plan

Closure plan

Part B permit application (for operation and/or postclosure)

RCRA facility assessment (RFA) report

RCRA facility investigation/corrective measures study (RFI/CMS) & Remedial Investigation/Feasibility Study work plan

RCRA facility investigation (RFI) and Remedial Investigation (RI) report (final)

Corrective measures study (CMS) and Feasibility Study report (preliminary and final)

Corrective measures implementation (CMI) work plan

Corrective measures implementation and Remedial Design/Remedial Action Work Plan (CMI and RD/RA)

Corrective measures design (CMD) and Remedial Design report

Interim response action (IRA) proposal

Interim measure (IM) proposal

Waste/Material Stream Project Management (Work) Plans (see Action Plan Section 11.5).

Other work plans (as specified in Section 11.6)

Other documents as specified elsewhere in the Agreement

Action Plan, Section 11.6:

11.6 OTHER WORK PLANS AND SUPPORTING SCHEDULES

Unless otherwise specified, other work plans, including operable unit (OU) work plans prepared under the Hanford Past-Practice Investigation Strategy, shall be prepared, reviewed and approved as primary documents. At the time work plans are submitted for approval, they shall describe in detail the work to be done and include the performance standards to be met. They shall also include an implementation schedule with start and completion dates. The work plan schedule shall identify completion dates for major tasks and deliverables as interim milestones. Milestones shall be set in a manner which fits the requirements of the work to be accomplished, with at least one milestone every twelve months, unless otherwise agreed to by the project managers. A change package shall be submitted with the work plan which identifies the interim milestones.

Schedules may be constructed in a manner that allows tasks or deliverables which require or follow regulatory agency review and approval to be due a fixed number of days after approval, rather than on a fixed date. The project managers will rely primarily on the supporting schedules for tracking progress.

Required work plans include:

- RI/FS work plan
- Remedial action work plan
- Remedial Design and Remedial Action (RD/RA) work plan
- Closure plan
- RFI/CMS and RI/FS work plan
- CMI and RD/RA work plan
- LFI work plan
- ERA work plans/EECA's.

Within 180 days of the last ROD signature for CPP units, or CAD and ROD signature for R-CPP units, or an alternative period designated in the ROD or in the CAD and ROD, an RD/RA (or CMI and RD/RA) work plan including schedule, along with a milestone change package, shall be submitted for lead regulatory agency review and approval as specified above.

ERA work plans/EECAs are not to be prepared, reviewed and approved as primary documents, but are subject to approval in accordance with Section 7.2.4 of the Action Plan. Additional detailed schedules, beyond those contained in the above plans, may be needed as agreed to by the assigned project managers to provide more definitive schedules to track progress. These may be part of other plans or may be stand-alone schedules.

In addition to the work plans previously described, other work plans may be developed for special situations at the request of the lead regulatory agency. These work plans will be considered primary documents as discussed in Section 9.1, and are subject to all work plan requirements.

Change Number	Federal Facility Agreement and Consent Order Change Control Form	Date
P-07-09-02	Do not use blue ink. Type or print using black ink.	February 22, 2010

Originator | **Phone**

Matthew S. McCormick. | 509-373-9971

Class of Change

[ ] I - Signatories [**X**] II - Executive Manager [ ] III - Project Manager

Change Title

Modification of Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Action Plan Section 7.3.8 to assign responsibility for initial preparation of Records of Decision to the U.S. Department of Energy.

Description/Justification of Change

Section 120 of CERCLA and the National Contingency Plan assign the responsibility for development of Records of Decision (ROD) jointly to the Department of Energy and EPA for DOE sites. The Tri-Party Agreement Action Plan, Section 7.3.8, assigns the responsibility for preparing Records of Decision to the lead regulatory agency.

The U.S. Department of Energy (DOE), the State of Washington Department of Ecology (Ecology), and the U.S. Environmental Protection Agency (EPA) have agreed to revise the Tri-Party Agreement Action Plan, Section 7.3.8, to state that DOE will prepare RODs and provide them to the regulatory agencies (EPA and Ecology) for review EPA will retain final approval authority of RODs in accordance with the mandate of CERCLA Section 120(e)(4)(A).

Corresponding changes to address preparation of the corrective action determination is included in the proposed change package P-00-09-01.

Continued on page 2

Impact of Change

No impacts are anticipated by these changes to the Tri-Party Agreement.

Affected Documents

The Hanford Federal Facility Agreement and Consent Order, Action Plan as amended.

Approvals

_____ _____ _____Approved_____Disapproved

DOE Date

_____ _____ _____Approved_____Disapproved

EPA Date

_____ _____ _____ Approved_____Disapproved

Ecology Date

Description/Justification of Change (continued)

Modifications to Tri-Party Agreement Action Plan Section 7.3.8 are indicated by ~~strikeout~~ to indicate text to be deleted and by double underline to indicate text to be added.

7.3.8 Record of Decision

After the public comment period on the FS ~~Phase III r~~Report and the ~~p~~Proposed ~~p~~Plan has closed~~,~~ the ~~r~~Record of ~~d~~Decision (ROD) process will begin. ~~The~~ A draft ROD will be prepared by the ~~lead regulatory agency and~~ Department of Energy in accordance with EPA guidance and NCP requirements and will be provided to the lead regulatory agency within 60 days of the close of the Proposed Plan comment period, or other timeline as agreed to by the parties. The lead regulatory agency, working with DOE (and EPA if Ecology is the lead regulatory agency), will finalize the ROD within 120 days of delivery of the draft ROD or other timeline as agreed to by the parties; any disputes arising with DOE during development of the final ROD will be resolved in accordance with the dispute resolution procedures in Article XVI, Resolution of Disputes. The ROD will describe the decision making process for remedy selection, ~~and~~ summarize the alternatives developed, screened, and evaluated in accordance with CERCLA and the NCP and include a responsiveness summary addressing comments provided on the Proposed Plan. ~~The lead regulatory agency is responsible for reviewing the comments received and will prepare a responsiveness summary that will accompany the ROD.~~ Although all of the RI/FS and preliminary determinations through the process of drafting the ROD will be the responsibility of DOE and the lead regulatory agency for a given operable unit, the ROD must be signed by ~~the~~ EPA. The ROD will become part of the administrative record ~~for each operable unit.~~ The lead regulatory agency shall continue its role after issuance of the ROD, including oversight of the remedial design and remedial action phases, as described below.

AGREEMENT IN PRINCIPLE
NEGOTIATION OF HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER REVISIONS TO ADDRESS SOIL CONTAMINATION FROM SINGLE SHELL TANKS AND COORDINATION OF INVESTIGATION AND REMEDIATION OF THIS CONTAMINATION WITH OTHER DEEP VADOSE ZONE INVESTIGATION AND REMEDIAL ACTIONS

The U.S. Department of Energy (DOE), the U.S. Environmental Protection Agency (EPA) and the State of Washington Department of Ecology (Ecology) (or Parties) agree to discuss and negotiate revisions of the Hanford Federal Facility Agreement and Consent Order (HFFACO) that may be appropriate to ensure: 1) that all soil contamination from single shell tanks, including radionuclides, is addressed in accordance with applicable regulatory requirements; and 2) that the investigation and remediation of soil contamination from single shell tanks is coordinated with action taken elsewhere at the Hanford site to investigate and remediate deep vadose zone contamination. These discussions are intended to further define the approach described in HFFACO Action Plan Appendix I.

The Parties agree to the following:

A. To enter into such discussions as soon as the Consent Decree in Washington v. Chu, Case No. 08-5085-FVS is entered into court ;
B. To conclude such discussions within 60 days;
C. To identify and attempt to agree upon changes to the TPA on the above matters within 60 days;
D. To offer consultation with the affected Indian Nations and to provide briefings to the State of Oregon, the Hanford Advisory Board, and other stakeholders, as appropriate.
E. To revise the relevant sections of the Tri-Party Agreement and/or its Action Plan to reflect the path forward as negotiated and agreed to after consideration of public comment, if appropriate.

This Agreement in Principle is to take effect upon the signature of the Parties. Any Party may withdraw from the Agreement in Principle upon written notice to the other Parties. This Agreement in Principle does not create any right or benefit, substantive or procedural, enforceable by law or equity by any person, including the Parties to this Agreement.

AGREEMENT IN PRINCIPLE
NEGOTIATION OF HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER REVISIONS TO ADDRESS SOIL CONTAMINATION FROM SINGLE SHELL TANKS AND COORDINATION OF INVESTIGATION AND REMEDIATION OF THIS CONTAMINATION WITH OTHER DEEP VADOSE ZONE INVESTIGATION AND REMEDIAL ACTIONS

Date 3/30/10 Jane A. Hedges, Program Manager Nuclear Waste Program Department of Ecology State of Washington	Date 3/24/2010 Dave A. Brockman, Manager U.S. Department of Energy Richland Operations Office
Date 3/25/10 Dennis A. Faulk, Program Manager Office of Environmental Cleanup U.S. Environmental Protection Agency	Date 3/22/2010 Shirley J. Olinger, Manager U.S. Department of Energy Office of River Protection