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| <b>Change Number</b><br>C-98-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Federal Facility Agreement and Consent Order<br/>Change Control Form</b><br>Do not use blue ink. Type or print using black ink. | <b>Date</b><br>August 20, 1998      |                       |                          |                                     |          |                          |             |     |      |  |  |  |  |                       |          |                                     |          |                          |             |     |      |  |  |  |  |                    |          |                                     |          |                          |             |         |      |  |  |  |  |
| <b>Originator</b><br>Glenn I. Goldberg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                    | <b>Phone</b><br>0058868 376-9552    |                       |                          |                                     |          |                          |             |     |      |  |  |  |  |                       |          |                                     |          |                          |             |     |      |  |  |  |  |                    |          |                                     |          |                          |             |         |      |  |  |  |  |
| <b>Class of Change</b><br><input type="checkbox"/> I - Signatories <input checked="" type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                    |                                     |                       |                          |                                     |          |                          |             |     |      |  |  |  |  |                       |          |                                     |          |                          |             |     |      |  |  |  |  |                    |          |                                     |          |                          |             |         |      |  |  |  |  |
| <b>Change Title</b><br>Update to <i>Hanford Federal Facility Agreement and Consent Order</i> (Tri-Party Agreement), as amended, Action Plan Appendix C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                    |                                     |                       |                          |                                     |          |                          |             |     |      |  |  |  |  |                       |          |                                     |          |                          |             |     |      |  |  |  |  |                    |          |                                     |          |                          |             |         |      |  |  |  |  |
| <b>Description/Justification of Change</b><br><p>The TPA Action Plan Appendix C contains the official list of waste management units to be remediated in accordance with the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement [TPA]). The three parties have requested that Agreement Action Plan Sections 3.0, 5.0, 6.0, and 7.0, and the associated Appendix C be updated to reflect the current listing and status of waste management units maintained in the Waste Information Data System (WIDS), the electronic database used by the Tri-Parties to</p> <p style="text-align: center;"><i>[Description/Justification of Change is continued on Page 2]</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                    |                                     |                       |                          |                                     |          |                          |             |     |      |  |  |  |  |                       |          |                                     |          |                          |             |     |      |  |  |  |  |                    |          |                                     |          |                          |             |         |      |  |  |  |  |
| <b>Impact of Change</b><br><p>This is an administrative change only. No TPA Milestones or documents (other than the Tri-Party Agreement, as noted below) will be impacted by this change.</p> <div style="text-align: right; font-size: 2em; font-weight: bold; margin-top: 20px;">RECEIVED</div> <div style="text-align: right; margin-top: 5px;">MAR 17 2003</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                    |                                     |                       |                          |                                     |          |                          |             |     |      |  |  |  |  |                       |          |                                     |          |                          |             |     |      |  |  |  |  |                    |          |                                     |          |                          |             |         |      |  |  |  |  |
| <b>Affected Documents</b><br>TPA Action Plan Appendix C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                    | <b>EDMC</b>                         |                       |                          |                                     |          |                          |             |     |      |  |  |  |  |                       |          |                                     |          |                          |             |     |      |  |  |  |  |                    |          |                                     |          |                          |             |         |      |  |  |  |  |
| <b>Approvals</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 35%; border-bottom: 1px solid black;"><i>Linda K. Bauer</i></td> <td style="width: 15%; border-bottom: 1px solid black;">9/8/98</td> <td style="width: 10%; border-bottom: 1px solid black;"><input checked="" type="checkbox"/></td> <td style="width: 15%; border-bottom: 1px solid black;">Approved</td> <td style="width: 15%; border-bottom: 1px solid black;"><input type="checkbox"/></td> <td style="width: 10%; border-bottom: 1px solid black;">Disapproved</td> </tr> <tr> <td>DOE</td> <td>Date</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="border-bottom: 1px solid black;"><i>David R. Levin</i></td> <td style="border-bottom: 1px solid black;">10/21/98</td> <td style="border-bottom: 1px solid black;"><input checked="" type="checkbox"/></td> <td style="border-bottom: 1px solid black;">Approved</td> <td style="border-bottom: 1px solid black;"><input type="checkbox"/></td> <td style="border-bottom: 1px solid black;">Disapproved</td> </tr> <tr> <td>EPA</td> <td>Date</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="border-bottom: 1px solid black;"><i>Michelle L.</i></td> <td style="border-bottom: 1px solid black;">10/20/98</td> <td style="border-bottom: 1px solid black;"><input checked="" type="checkbox"/></td> <td style="border-bottom: 1px solid black;">Approved</td> <td style="border-bottom: 1px solid black;"><input type="checkbox"/></td> <td style="border-bottom: 1px solid black;">Disapproved</td> </tr> <tr> <td>Ecology</td> <td>Date</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> |                                                                                                                                    |                                     | <i>Linda K. Bauer</i> | 9/8/98                   | <input checked="" type="checkbox"/> | Approved | <input type="checkbox"/> | Disapproved | DOE | Date |  |  |  |  | <i>David R. Levin</i> | 10/21/98 | <input checked="" type="checkbox"/> | Approved | <input type="checkbox"/> | Disapproved | EPA | Date |  |  |  |  | <i>Michelle L.</i> | 10/20/98 | <input checked="" type="checkbox"/> | Approved | <input type="checkbox"/> | Disapproved | Ecology | Date |  |  |  |  |
| <i>Linda K. Bauer</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9/8/98                                                                                                                             | <input checked="" type="checkbox"/> | Approved              | <input type="checkbox"/> | Disapproved                         |          |                          |             |     |      |  |  |  |  |                       |          |                                     |          |                          |             |     |      |  |  |  |  |                    |          |                                     |          |                          |             |         |      |  |  |  |  |
| DOE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Date                                                                                                                               |                                     |                       |                          |                                     |          |                          |             |     |      |  |  |  |  |                       |          |                                     |          |                          |             |     |      |  |  |  |  |                    |          |                                     |          |                          |             |         |      |  |  |  |  |
| <i>David R. Levin</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10/21/98                                                                                                                           | <input checked="" type="checkbox"/> | Approved              | <input type="checkbox"/> | Disapproved                         |          |                          |             |     |      |  |  |  |  |                       |          |                                     |          |                          |             |     |      |  |  |  |  |                    |          |                                     |          |                          |             |         |      |  |  |  |  |
| EPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Date                                                                                                                               |                                     |                       |                          |                                     |          |                          |             |     |      |  |  |  |  |                       |          |                                     |          |                          |             |     |      |  |  |  |  |                    |          |                                     |          |                          |             |         |      |  |  |  |  |
| <i>Michelle L.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10/20/98                                                                                                                           | <input checked="" type="checkbox"/> | Approved              | <input type="checkbox"/> | Disapproved                         |          |                          |             |     |      |  |  |  |  |                       |          |                                     |          |                          |             |     |      |  |  |  |  |                    |          |                                     |          |                          |             |         |      |  |  |  |  |
| Ecology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Date                                                                                                                               |                                     |                       |                          |                                     |          |                          |             |     |      |  |  |  |  |                       |          |                                     |          |                          |             |     |      |  |  |  |  |                    |          |                                     |          |                          |             |         |      |  |  |  |  |

catalogue all waste management units at the Hanford Site. This TPA Change Control Form documents the corrections and format changes made to Appendix C. It should be noted that the 100 Area portion of Appendix C has been updated in accordance with TPA Handbook Management Procedures, Guideline Number TPA-MP-14. The 200 Area and 300 Area portion of Appendix C will be similarly updated over the next two fiscal years.

### **PRESENTATION OF UPDATED AGREEMENT SECTIONS AND APPENDIX C**

The updated Appendix C is provided as Attachment 2 to this TPA Change Control Form. To facilitate the use of the information, two presentation formats will be made available, as follows:

- **Paper Copy:** A listing of all source operable units, including their waste management units, and groundwater operable units (Attachment 1) will be included in the hard copy publication of the updated Appendix C. This version provides information about the operable unit status (e.g., "Deleted from National Priority List") and identifies the lead regulatory agency.
- **Electronic Copy:** The updated version of Appendix C will be made available to users via the World Wide Web at the TPA Homepage (Uniform Resource Locator [URL] <http://www.hanford.gov/tpa/tpahome.html>). The electronic presentation of the updated Appendix C will be a companion to the electronic version of the TPA document, which is currently accessible to users at the TPA Homepage URL.

Attachment 1 provides the changes to the Action Plan text, in underline/strikeout format, which are necessary for consistency with the update of Appendix C.

### **ATTACHMENTS**

1. Action Plan Text Changes
2. Appendix C: Listing by Operable Unit

### **3.0 UNIT IDENTIFICATION, CLASSIFICATION, AND PRIORITIZATION**

#### **3.1 INTRODUCTION**

This section describes what constitutes a waste management unit at the Hanford Site. In addition, it describes how waste management units are classified, prioritized, and grouped for common investigation and response or corrective action.

A waste management unit represents any location within the boundary of the Hanford Site that may require action to mitigate a potential environmental impact. This would include all solid waste management units (SWMUs) as specified under Section 3004(u) of RCRA. These waste management units were previously defined in the Hanford Site Waste Management Units Report (see Section 3.5). Waste management units include the following:

- Waste disposal units (including RCRA disposal units)
- Unplanned release units (including those resulting from spills)
- Inactive contaminated structures
- RCRA treatment and storage units
- Other storage areas.

The parties recognize and agree that certain activities related to the stabilization and transition of facilities, before or after the shutdown decision has been made, through the final disposition of structures by DOE, are subject to RCRA, CERCLA or other regulatory controls related to the Agreement. The generation and/or discharge of (Ecology/EPA) regulated substances or wastes (including the treatment, storage and disposal of those substances or wastes) shall be subject to this Agreement. Appropriate specific requirements and/or Tri-Party Agreement Milestones for the completion of key activities that generate or discharge regulated substances or wastes shall be incorporated into the Action Plan. Agreed-upon key transition, surveillance and maintenance, and disposition activities not subject to Ecology/EPA regulation that are critical path to cleanup of an aggregate area will be established as target dates. The goal is to conduct regulated and nonregulated work in an orderly sequence to insure coordination with other cleanup actions. Section 8.0 defines the process for identification of key Hanford facilities, and the subsequent process for conducting their transition, surveillance and maintenance, and/or disposition. Facilities which are fully dispositioned under the RCRA closure process (see Section 3.2), or are dispositioned in conjunction with an operable unit cleanup (see Section 3.3), are not addressed under Section 8.0. DOE will enter into negotiations for transition or disposition of key facilities within three months of a shutdown notice or decision to proceed with disposition, respectively. Such negotiations will be completed within 6 months from initiation. If they are not, any party may initiate dispute resolution in accordance with this Agreement.

In the event that a contaminated structure is found to be the source of a release (or presents a substantial threat of a release) of hazardous substances or hazardous wastes, or hazardous constituents to the environment, the investigation and remediation of such a release (to include remediation of structures, as necessary), where subject to CERCLA or RCRA, shall be subject to this Agreement. Specific requirements shall be incorporated into the Action Plan as appropriate. Releases which have already been identified have been included in the Action Plan as waste management units and assigned to operable units (see Appendix C) and have been included in the Waste Information Data System (WIDS).

As part of any action being taken under either RCRA or CERCLA for a contaminated structure, EPA and Ecology shall consider available information related to decommissioning activities, including environmental impact statements. All hazardous wastes generated by the decommissioning activities or stored at these storage areas shall be managed in accordance with applicable Federal and State hazardous waste regulations.

### **3.2 TREATMENT, STORAGE, AND DISPOSAL UNITS**

Treatment, storage, and disposal units are those units which will be permitted (for operation and/or postclosure care) and/or closed, under the Washington State Dangerous Waste Regulations (173-303 WAC) and the applicable provisions of HSWA. Appendix B provides a current listing of these units, or group of units (with individual units defined); identifies whether the TSD group/unit will be permitted for operation or closed; and identifies the assigned operable unit, if applicable. A TSD group represents a combination of units that are combined for purposes of preparing a permit application or closure plan. The schedule of permitting activities or closures will be established by Ecology in cooperation with the EPA and DOE. Some TSD groups/units, primarily land disposal units, are included within operable units (see Section 3.3 below) and will be addressed concurrently with past-practice activities as defined in Section 5.5. A further discussion of TSD groups/units is provided in Section 6.0.

### **3.3 PAST-PRACTICE UNITS**

A past-practice unit is a waste management unit where wastes or substances (intentionally or unintentionally) have been disposed and that is not subject to regulation as a TSD unit as specified in Section 3.2.

Due to the relatively large number of past-practice units at the Hanford Site, a process has been established for organizing these units into groups called operable units. The concept of operable units is to group the numerous units (primarily by geographic area) into manageable components for investigation and response action and to prioritize the cleanup work to be done at the Site.

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 past-practice process as described in Sections 7.3 and 7.4, respectively. Appendix C includes a current 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.

Some TSD units, primarily land disposal units, will be investigated and managed in conjunction with past-practice units and have been assigned to appropriate operable units (see Appendix B for current assignment of TSD groups/units to operable units). The information necessary for performing RCRA closures within an operable unit will be provided in coordination with various RFI/CMS documents. These documents will include a coordinated past-practice site investigation/RCRA closure/RCRA corrective action approach in order to efficiently implement applicable regulations. Those TSD units not assigned to an operable unit are typically treatment or storage units that are likely to be "clean closed" as described in Section 6.3.1.

Individual past-practice units (and selected TSD units) have been assigned to a specific operable unit based on the following criteria:

- General patterns of waste disposal from specific process sources
- Spatial relationship to other waste units
- Contribution to the same groundwater contaminant plume
- Physical characteristics of area (e.g., geologic/hydrogeologic)
- Access considerations (e.g., buildings, buried pipes)
- Anticipation of similar remedial action strategy (economy of scale)
- Reasonable number of total units to effectively manage.

In addition to the operable units discussed above, groundwater operable units can be established where multiple sources from different operable units have contributed to the same plume. Operable units that are associated with a groundwater operable unit are referred to as source operable units. The schedule for investigation of each groundwater operable unit will coincide with the schedule for investigation of the source operable unit that is the major contributor to the plume. Other associated source operable units that are lower priority will be investigated at a later time, in accordance with the established criteria for prioritization of operable units.

### **3.4 PRIORITIZATION**

This section describes the bases for prioritizing operable units and those TSD groups/units that are not included within operable units:

### **3.4.1 Prioritization of Operable Units**

Operable units are prioritized based on an initial assessment of risk potential to ensure that action is focused on the greater hazard. Criteria for evaluating and remediating potential hazards include the following information:

- Volume of wastes or hazardous substances
- Hazardous substances identification and concentration
- Toxicity or health effects of the hazardous substances
- Potential for migration to receptors via all environmental pathways.

In addition, the following factors are used to determine priority:

- Available technology to investigate or remediate the operable unit
- Operation consideration (e.g., timing of decommissioning activities)
- Consideration to those operable units that include TSD units.

Based on the criteria listed above, and to focus resources on waste sites near the river, the operable units in the 100 and 300 Area have been given high priority and investigations are nearing completion. The first six operable units to be investigated in the 200 Area have been determined based on the criteria listed above. Subsequent 200 Area operable units will be prioritized based on the above criteria as well as on information gained during the initial investigations. Prioritization of investigations of 200 Area operable units is outlined in the work schedule located in Appendix D. Closure of the single-shell tanks is not addressed under the past-practice process and will be addressed under the RCRA closure program (see Appendix B).

### **3.4.2 Prioritization of Treatment, Storage, and Disposal Units**

All TSD groups/units are subject to a permitting and/or closure process described in Section 6.0. Those TSD groups/units assigned to an operable unit will be prioritized in conjunction with past-practice priorities for purposes of investigation. The order in which permit applications or closure plans will be developed for the remaining TSD groups/units is based on consideration of the following criteria.

- **Environmental Risk.** The risk to public health and environment is the most important consideration. Any action that will significantly reduce the risk to public health and/or the environment will be considered the highest priority.
- **Waste Minimization.** Waste minimization is central to the goal of reducing environmental risks and bringing about environmental compliance for continuing operations and for new units at the Hanford Site. Therefore, the parties agree that Ecology's "Priority Waste Management Policy" (Ecology 86-07), established pursuant to CH. 70.105.150 RCW, shall be adhered to as guidance for purposes of establishing permitting priorities, in addition to evaluating proposed changes in operational procedures, and for the development and implementation of new waste management strategies. This policy defines the following prioritized actions: (1) waste reduction, (2) recycling, (3) treatment, (4) stabilization, and (5) land disposal.
- **Permit Application Dates Required by Law.** The Hazardous and Solid Waste Amendments of 1984 (HSWA) mandated dates for submittal of Part B permit applications. The dates for submitting dangerous waste (excluding mixed waste units) Part B permit applications were as follows:
  - Land disposal units: November 8, 1985  
(all required Part B applications were submitted prior to this date)
  - Incineration units: November 8, 1986  
(not applicable for the Hanford Site)
  - Treatment and storage units: November 8, 1988.

Part A permit applications for all mixed waste units that will be operating under interim status were due by May 23, 1988 (this date was met for all such known units). Part B permit applications for the disposal of mixed waste to land disposal units were due by November 23, 1988 (this date was met for all such known units), including the certification statement required by Section 3005(e)(2) of RCRA, that the unit is in compliance with the interim status groundwater monitoring requirements. There are no statutory Part B permit application dates for mixed waste treatment and storage units.

- **Operational Requirements.** Some operational considerations are important for maintaining or achieving environmental compliance, continuation of Hanford Site operations, or achieving cleanup in a cost-effective manner. Examples of such operational considerations include permitting a treatment unit for operation or accelerating closure actions to complement decontamination and decommissioning of related structures.

### **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 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.

The information in WIDS reflects Appendix C, which contains the official list of waste sites and/or releases which require remedial investigation or action under §120 of CERCLA.

A waste management units report, in a format agreed upon by the Parties, shall be generated annually by the DOE in January of each year, and posted electronically for regulator and public access. This report shall reflect all changes made in waste management unit status during the previous year.

## **5.0 INTERFACE OF REGULATORY AUTHORITIES**

### **5.1 REGULATORY PROGRAMS**

The RCRA, CERCLA, and State Dangerous Waste Program overlap in many areas. In general, CERCLA was created by Congress to respond to the release of hazardous substances and to investigate and respond to releases and potential releases from past-practice activities. The RCRA and State Dangerous Waste Program were created to prevent releases at active facilities that generate, store, treat, transport, or dispose of hazardous wastes or hazardous constituents. The RCRA, as amended by HSWA, also provides for corrective action for releases at RCRA facilities regardless of time of release. This section is intended to clarify how these various programs will interface to achieve an efficient regulatory program.

Regulatory authority shall remain with the regulatory agency having legal authority for those decisions, regardless of whether that agency is the lead regulatory agency for the work (see Section 5.6 for lead regulatory agency concept). The lead regulatory agency shall oversee the work, and brief and obtain any necessary approvals from the agency with regulatory authority. For example, where Ecology is the lead regulatory agency at a CERCLA site, it shall brief EPA as necessary to obtain EPA approval before a remedial action is selected.

### **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 past-practice (RPP) 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 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. Corrective action will be conducted under the authorized state HWMA corrective action program. 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.

### **5.2.3 CERCLA Past-Practice Unit**

The CPP units include units that have received hazardous substances, as defined by CERCLA, irrespective of the date such hazardous substances were placed at the unit. Those waste management units that will be addressed as CPP units are so designated in Appendix C.

For the purposes of this action plan, it is necessary to distinguish between a CPP unit, a RPP unit, and a TSD unit. Any TSD unit, as defined in Section 5.2.1, will be classified as a TSD unit, rather than a CERCLA unit, even if it is investigated in conjunction with CPP units. The CPP and RPP units will be distinguished in accordance with Section 5.4.

## **5.3 MANAGEMENT OF TREATMENT, STORAGE, AND DISPOSAL UNITS**

As previously stated, TSD units are identified in Appendix B. Any additional TSD units that are subsequently identified shall be added to Appendix B in accordance with the process described in Section 12.2.

Unless closed in accordance with Sections 6.3.1 or 6.3.3, TSD units shall be permitted for either operation or postclosure care pursuant to the authorized State Dangerous Waste Program (173-303 WAC) and HSWA. Prior to permitting or closure of TSD units, DOE shall achieve (in accordance with the work schedule contained in Appendix D) and maintain compliance with applicable interim status requirements. All TSD units that undergo closure, irrespective of

permit status, shall be closed pursuant to the authorized State Dangerous Waste Program in accordance with 173-303-610 WAC.

#### **5.4 MANAGEMENT OF PAST-PRACTICE UNITS**

This section describes the rationale for placing units in either a RCRA 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 RPP units, under the authorized state corrective action program (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 any units managed as RPP units shall address all CERCLA hazardous substances for the purposes of corrective action. The parties agree that all of the wastes regulated under the State Dangerous Waste Program (173-303 WAC) shall be addressed as part of any 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 RPP 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 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.

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

Currently assigned RPP 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 RPP or CPP. Such designation may be changed due to the discovery of additional information concerning the operable unit. If a change in authority 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.

### **5.5 TREATMENT, STORAGE, AND DISPOSAL UNITS AND PAST-PRACTICE UNITS INTERFACE**

In some cases, TSD units are closely associated with past-practice units at the Hanford Site, either geographically or through similar processes and waste streams. Although disposition of such units must be managed in accordance with Section 6.0, a procedure to coordinate the TSD unit closure or permitting activity with the past-practice investigation and remediation activity is necessary to prevent overlap and duplication of work, thereby economically and efficiently addressing the contamination. In Appendix B, selected TSD groups/units, primarily land disposal units, have been initially assigned to operable units based on the criteria defined in Section 3.3. The information necessary for performing RCRA closures/postclosures within an operable unit will be provided in various RFI/CMS documents. The initial work plan will contain a Sampling and Analysis Plan (SAP) for the associated RCRA units and it will outline the manner in which RCRA closure/postclosure plan requirements will be met in the work plan and subsequent documents. The selected closure/postclosure method and associated design details will (unless otherwise agreed to by the parties) be submitted as part of the CMS report at a later date, as specified in the work plan. The proposed closure/postclosure activities contained in the CMS report will: (1) meet RCRA closure standards and requirements, (2) be consistent with closure requirements specified in the Hanford Site-Wide (RCRA) permit, and (3) be coordinated with the recommended remedial action(s) for the associated operable unit. Additionally, the closure/ postclosure implementation schedule will reflect an overall prioritization between closure/ postclosure and other remedial activities within the subject operable unit, considering environmental protection, health and safety, availability of technology, etc. Each RFI/CMS closure document will be structured such that RCRA closure requirements can be readily identified for a separate review/approval process and RCRA closure/postclosure requirements can be incorporated in the RCRA Permit. If at a later date TSD groups/units need to be deleted from or added to an operable unit, the procedures defined in Section 12.2 will be used.

Ecology, the EPA, and DOE agree that past-practice authority may provide the most efficient means for addressing mixed-waste groundwater contamination plumes originating from a combination of TSD and past-practice units. However, in order to ensure that TSD units within the operable units are brought into compliance with RCRA and State hazardous waste

regulations, Ecology intends, subject to part four of the Agreement, that all response or corrective actions, excluding situations where there is an imminent threat to the public health or environment as described in Section 7.2.3, will be conducted in a manner which ensures compliance with the technical requirements of the HWMA (Chapter 70.105 RCW and its implementation regulations). In any case, the parties agree that CERCLA remedial actions and, as appropriate, HSWA corrective measures will comply with ARARs.

## **5.6 LEAD REGULATORY AGENCY CONCEPT**

The EPA and Ecology have selected a lead regulatory agency approach to minimize duplication of effort and maximize productivity. Either the EPA or Ecology will be the lead regulatory agency for each operable unit, TSD group/unit or milestone.

The lead regulatory agency for a specific operable unit, TSD group/unit or milestone will be responsible for overseeing the activities covered by this action plan that relate to the successful completion of that milestone or activities at that operable unit or TSD group/unit, ensuring that all applicable requirements are met. However, the EPA and Ecology retain their respective legal authorities. The lead regulatory agency shall brief and obtain any necessary approvals from the agency with regulatory authority in accordance with the EPA/Ecology MOU. Regulatory oversight activity, including preparation of responses to documents submitted by the DOE, will be performed by the lead regulatory agency for each operable unit, TSD group/unit or milestone. The non-lead regulatory agency will not assign staff to provide any oversight or support.

The assignment of the lead regulatory agency for an operable unit, TSD group/unit or milestone will be based on the following criteria.

- The EPA will generally be the lead regulatory agency when the operable unit, TSD group/unit or milestone involves:
  - Operable units that contain no TSD units or that contain low-priority TSD units
  - Operable units that contain primarily CERCLA-only materials.
- Ecology will generally be the lead regulatory agency when the operable unit, TSD group/unit or milestone involves:
  - Operable units that consist of major TSD units, with limited past-practice units
  - Operable units that contain higher priority TSD units and lower priority past-practice units.
- Ecology will be lead regulatory agency for all TSD units and TSD groups.

In some cases, the above criteria may overlap, such that either the EPA or Ecology could be assigned as the lead regulatory agency. In this situation, other criteria would be used, such as available resources to undertake additional work in a timely manner, the designation and characteristics of an adjoining operable unit, or whether the characteristics of a given operable unit are similar to the characteristics of another operable unit that has already been managed by either agency.

Currently assigned lead regulatory agency designations are shown in Appendix C for each operable unit. Additional assignments will be made in accordance with Section 12.0 prior to any action on the operable unit, TSD group/unit or milestone. The lead regulatory agency shall maintain its role through completion of all required actions.

The decision as to which regulatory agency will assume the lead role will be a joint determination by the EPA and Ecology (see Paragraph 88 of this Agreement). Such determinations are subject to change based on additional information subsequently discovered concerning an operable unit, or for any other reason, as agreed upon by the EPA and Ecology. The parties intend that once the lead regulatory agency has been assigned, the lead regulatory agency designation will not change except for an extreme circumstance.

#### **5.7 INTEGRATION WITH THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)**

The purpose of the NEPA requirements is to ensure that potential environmental impacts of investigation and cleanup activity are assessed. These assessments, when determined to be required, will be made primarily as part of the CERCLA response action and RCRA corrective action processes. These processes will be supplemented, as necessary, to ensure compliance with NEPA requirements.

## 6.0 TREATMENT, STORAGE, AND DISPOSAL UNIT PROCESS

### 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 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.

Some of the TSD groups/units (primarily those located within large processing facilities) will be integrated with the disposition of the facility, and therefore closed in accordance with the process defined in Section 8.0. These units are those that have physical closure actions that need to be done in conjunction with the physical disposition actions in the facility (e. g. removal of structural components). Even though TSD units are closed in accordance with Section 8.0, applicable requirements defined in this section still apply (e.g. 6.5 Quality Assurance).

Currently identified actions necessary to bring TSD units into compliance with Federal and State laws are identified in the work schedule (see Appendix D) including necessary interim milestones. These interim milestones are consistent with the major milestones for achieving interim status compliance requirements specified in Section 2.4. A schedule for completing interim status compliance actions is provided as part of Appendix D.

The RCRA land disposal restrictions (LDR) require that established treatment requirements be met prior to land disposal of hazardous wastes. While treatment capacity generally exists for the nonradioactive hazardous wastes which are subject to LDR, treatment is currently not available for the mixed wastes subject to LDR which require storage at the Hanford Site.

Ecology has received authorization from EPA to implement certain LDR provisions of RCRA pursuant to Section 3006 of RCRA. Accordingly, these authorized state provisions are effective in lieu of the Federal requirements. Both EPA and Ecology anticipate that Ecology will receive authorization for the additional LDR provisions in the future. EPA and Ecology intend to use the LDR provisions under M-26 and other HSWA provisions which have comparable state analogs that have not yet been authorized as an example of regulatory streamlining at the

Hanford Site, by designating Ecology as the lead regulatory agency for those provisions under applicable state law.

This includes review and approval of LDR annual reports, plans, and schedules for compliance with M-26-00. While EPA must retain legal authority over portions of the LDR which are not yet authorized to the state, EPA will not assign staff to oversee the routine completion of activities related to M-26-00. In the event that EPA involvement in a specific matter is requested by Ecology or is otherwise necessary, Ecology staff will brief EPA and EPA will become involved to the extent necessary to help resolve that specific matter. EPA and Ecology intend that such involvement on the part of EPA will be the exception, rather than the rule.

In accordance with Milestone M-26-00, DOE has submitted the "Hanford Land Disposal Restrictions Plan for Mixed Wastes," (LDR Plan) to Ecology, as the lead regulatory agency. This plan describes a process for managing mixed wastes subject to LDR at the Hanford Site and identifies actions which will be taken by DOE to achieve full compliance with LDR requirements.

These actions will be taken in accordance with approved schedules specified in the LDR Plan and in the Work Schedule (Appendix D). The DOE will submit annual reports which shall update the LDR Plan and the prior annual report, including plans and schedules. The annual report will also describe activities taken to achieve compliance and describe the activities to be taken in the next year toward achieving full compliance. The LDR Plan and annual reports are primary documents, subject to review and approval by Ecology. Ecology also has approval authority for schedules in the LDR Plan and annual reports. Changes to approved final schedules must be made in accordance with the Change Control System described in Section 12.0.

## **6.2 TREATMENT, STORAGE, AND DISPOSAL PERMITTING PROCESS**

The Hanford Site has been assigned a single identification number for use in State Dangerous Waste Program/RCRA permitting activity. Accordingly, the Hanford Site is considered to be a single RCRA facility, although there are numerous unrelated units spread over large geographic areas on the Site.

Since all of the TSD groups/units cannot be permitted simultaneously, Ecology and the EPA will issue the initial permit for less than the entire facility. This permit will eventually grow into a single permit for the entire Hanford Site. The Federal authority to issue a permit at a facility in this manner is found in 40 CFR 270.1(c)(4). Any units that are not included in the initial permit will normally be incorporated through a permit modification. At the discretion of Ecology and EPA, the permit revocation and reissuance process may be used.

The process of permit modification is specified in 173-303-830 WAC and 40 CFR 270.41. A permit modification does not affect the term of the permit (a permit is generally issued for a term of 10 years). Proposed modifications are subject to public comment, except for minor modifications as provided in 173-303-830(4) WAC and 40 CFR 270.42.

The process of revocation and reissuance is specified in 173-303-830 WAC and 40 CFR 270.41. Revocation and reissuance means that the existing permit is revoked and an entirely new permit is issued, to include all units permitted as of that date. In this case, all conditions of the permit to be reissued would be open to public comment and a new term (10 years in most cases) would be specified for the reissued permit.

Figure 6-1 depicts a flowchart for processing all operating permits for TSD groups/units and for processing postclosure permits for TSD groups/units that will close with hazardous wastes or constituents left in place. The permitting process applies to existing units, expansion of units under interim status, and new units (units that do not have interim status and must have a permit prior to construction).

Ecology shall normally be responsible for drafting permit conditions, including those related to HSWA requirements. Until the HSWA provisions have been delegated from EPA to Ecology through the authorization process, EPA will maintain final approval rights for those permit conditions pursuant to HSWA authority that have not been delegated. Therefore, certain conditions of the joint permit will be enforceable by Ecology, others will be enforceable by EPA, and some conditions will be enforceable by both agencies. The permit will identify which conditions are enforceable by each agency.

Disputes concerning any HWMA requirements, will be addressed in accordance with Article VIII of the Agreement.

Ecology will have the responsibility for drafting the permit and permit modifications for all TSD groups/units, ensuring that the Part B permit application is complete, and preparing the Notices of Deficiency (NOD) to the DOE.

The Part B permit application is a primary document, as defined in Section 9.1. The review procedures, as specified in Section 9.2.2, will be followed. In the event that issues cannot be resolved through the NOD process, the appropriate dispute resolution process can be invoked.

Section 3004(u) of RCRA requires that all solid waste management units be investigated as part of the permit process. The statute provides that the timing for investigation of such units may be in accordance with a schedule of compliance specified in the permit. The parties have addressed the statutory requirement through the preliminary identification and assignment of all known past-practice units to specific operable units (see Section 3.0). These operable units have been prioritized and scheduled for investigation in accordance with the work schedule (Appendix D). It is the intent of all parties that this requirement be met through incorporation of applicable portions of this action plan into the RCRA permit. This will include reference to specific schedules for completion of investigations and corrective actions.

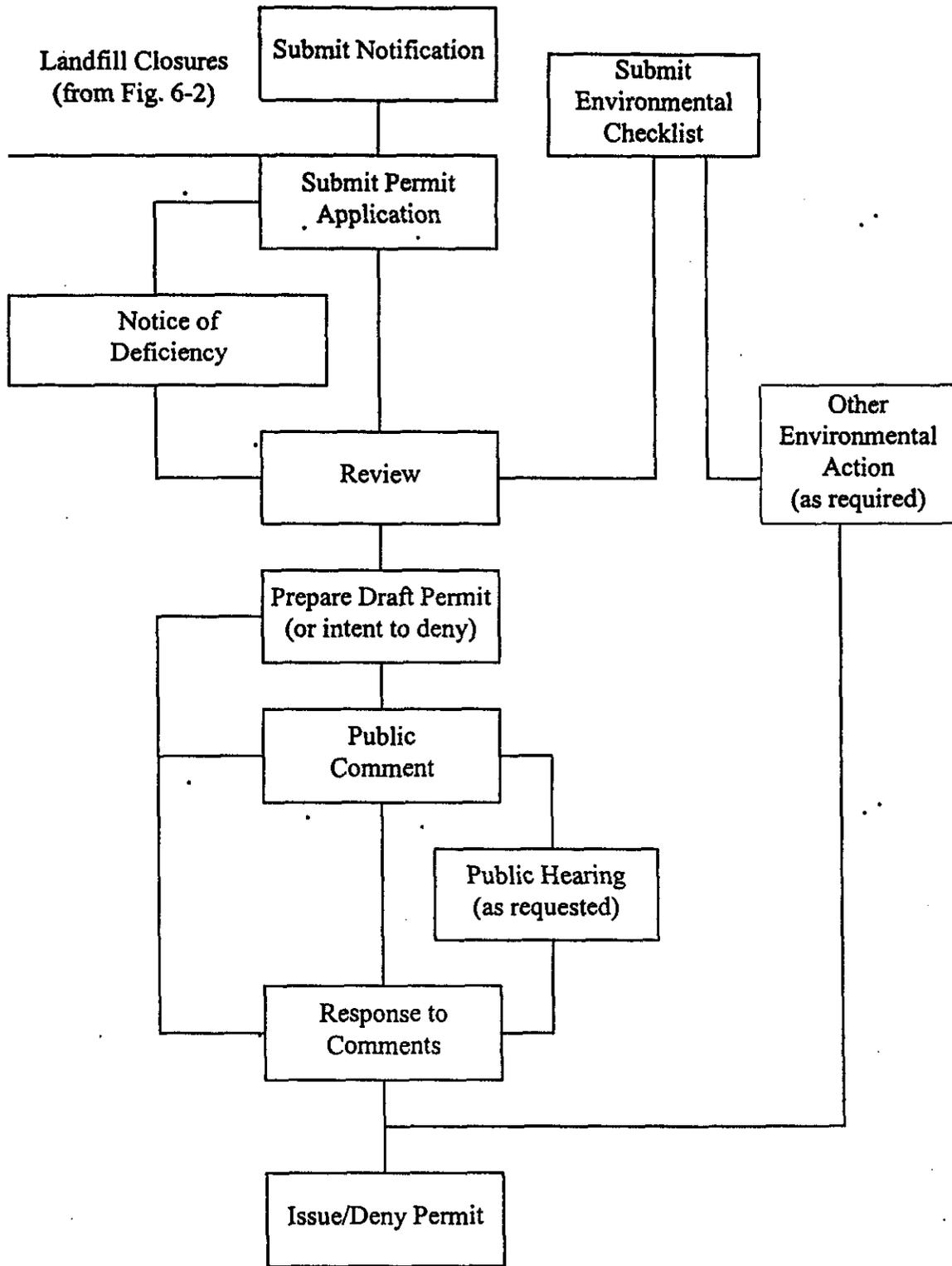


Figure 6-1. Permitting Process Flowchart.

Ecology, the EPA, and DOE will follow all current versions of applicable Federal and State statutes, regulations, guidance documents, and written policy determinations that pertain to the permitting process, including postclosure permits, for TSD groups/units. Public participation requirements for permitting TSD groups/units will be met and are addressed in Section 10.0.

### **6.3 TREATMENT, STORAGE, AND DISPOSAL CLOSURE PROCESS**

The DOE will follow applicable Federal and State statutes, regulations and guidance documents, and written policy determinations that pertain to the closure process for TSD groups/units.

The TSD units containing mixed waste will normally be closed with consideration of all hazardous substances, which includes radioactive constituents. Hazardous substances not addressed as part of the TSD closure may be addressed under past-practice authority in accordance with the process defined in Section 7.0.

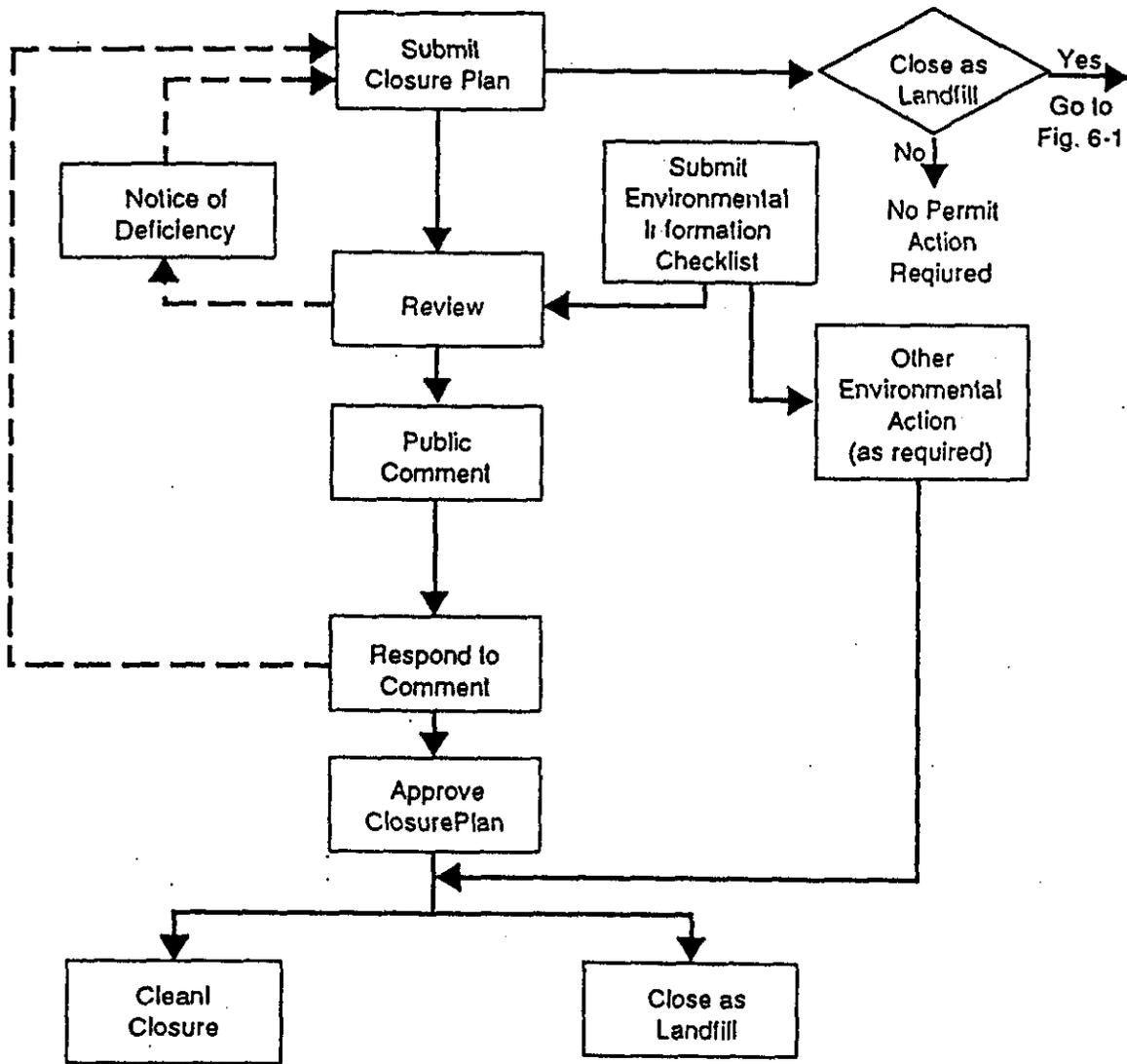
The following are examples of when a unit may be closed without addressing all hazardous substances (e.g., radioactive waste).

- For treatment or storage units within a radioactive structure (e.g., the Plutonium/Uranium Extraction [PUREX] Plant) it may be possible to remove all hazardous wastes and "clean close" (see Section 6.3.1). The radioactive constituent would then remain for a future decontamination and decommissioning effort of the entire structure.
- For a land disposal unit being closed in conjunction with an operable unit, initial investigation may show that the unit no longer contains hazardous waste or constituents. Therefore, the unit may be "clean closed" with no physical closure action. Any remaining CERCLA-only materials would be addressed as part of the past-practice process as designated for that operable unit.

Figure 6-2 depicts a flowchart of the closure process for TSD units. Two types of closures are shown.

#### **6.3.1 Clean Closure**

In some cases, it may be possible to remove all hazardous wastes and constituents associated with a TSD unit and thereby achieve "clean closure." The process to complete clean closure of any unit will be carried out in accordance with all applicable requirements described in 173-303 WAC and 40 CFR 270.1. Any demonstration for clean closure of a disposal unit, or selected treatment or storage units as determined by the lead regulatory agency, must include documentation that groundwater and soils have not been adversely impacted by that TSD group/unit, as described in 173-303-645 WAC.



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Figure 6-2. Closure Process Flowchart.

After completion of clean closure activities, a closed storage unit may be reused for generator accumulation (less than 90 day storage).

### **6.3.2 Closure as a Land Disposal Unit**

If clean closure, as described above, cannot be achieved, the TSD unit will be closed as a land disposal unit. The process to close any unit as a land disposal unit will be carried out in accordance with all applicable requirements described at 173-303 WAC. In order to avoid duplication under CERCLA for mixed waste, the radionuclide component of the waste will be addressed as part of the closure action.

In the case of closure as a land disposal unit, a postclosure permit will be required. The postclosure permit will cover maintenance and inspection activities, groundwater monitoring requirements, and corrective actions, if necessary, that will occur during the postclosure period. The postclosure period will be specified as 30 years from the date of closure certification of each unit, but can be shortened or lengthened by Ecology at any time in accordance with 173-303-610 WAC. The closure plan will be submitted in conjunction with the Part B postclosure permit application, unless the parties agree otherwise. If a unit is to be closed as a land disposal unit prior to issuance of a permit for postclosure, an interim status postclosure plan will accompany the closure plan.

### **6.3.3 Procedural Closure**

This is used for those units which were classified as being TSD units, but were never actually used to treat, store, or dispose of hazardous waste, including mixed waste, except as provided by 173-303-200 WAC or 173-303-802 WAC. This action requires that Ecology be notified in writing that the unit never handled hazardous wastes. Such information must include a signed certification from the DOE, using wording specified in 173-303-810(13) WAC. Ecology will review the information as appropriate (usually to include an inspection of the unit) and send a written concurrence or denial to the DOE. If denied, permitting and/or closure action would then proceed, or the dispute resolution process would be invoked.

### **6.3.4 Expansion of Hanford Facility Waste Management Capacity Due to the Discontinuation of Process Operations**

Many Hanford Site operations include systems that use chemical materials and/or solutions to perform required functions. When these systems are permanently removed from service, the chemical materials and/or solutions that no longer have a use may be considered a waste subject to the provisions of the dangerous waste regulations. For those systems that contain chemical materials and/or solutions that are considered waste, the components of the systems that contain this waste become subject to the Resource Conservation and Recovery Act (RCRA) permitting requirements of the Washington Administrative Code (WAC) 173-303 if the waste is managed for greater than 90 days. For facilities that have received a shut-down notice (facilities being transitioned), these system components (e.g., tanks and ancillary equipment) may be added to the Hanford Facility RCRA Dangerous Waste Part A Permit without providing notification required

by WAC 173-303-281, provided that these components have no further waste management mission prior to RCRA closure or deactivation as addressed in Section 8.0.

#### **6.4 RESPONSE TO IMMINENT AND SUBSTANTIAL ENDANGERMENT CASES**

The State of Washington Dangerous Waste Regulations, 173-303-960 WAC, addresses actions to abate an imminent and substantial endangerment to the health or the environment from the releases of dangerous or solid wastes. Ecology will require DOE to either take specific action to abate an identified danger or threat, or will require a specific submittal date for DOE to propose an abatement method.

See Section 7.2.3 for information concerning responses to imminent and substantial endangerment cases at past-practice sites.

#### **6.5 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 RCRA closure plans, the RCRA permit, and any other relevant plans that may be used to describe sampling and analyses at RCRA TSD units.

The QA/QC requirements shall range from those necessary for non-laboratory field screening activities to those necessary to support a comprehensive laboratory analysis that will be used in final decision-making. This range of QA/QC options is included in the "Data Quality Strategy for Hanford Site Characterization" (as listed in Appendix F). This document is subject to approval by EPA and Ecology.

Based upon the data quality objectives, the DOE shall comply with EPA guidance documents for QA/QC and sampling and analysis activities which are taken to implement the Agreement. Such guidance includes:

- "Guidelines and Specifications for Preparing Quality Assurance Program Plans" (QAMS-004/80);
- "Interim Guidance and Specifications for Preparing Quality Assurance Project Plans" (QAMS-005/80);
- "Data Quality Objectives for Remedial Response Activities" (EPA/540/G-87/003 and 004); and
- "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" (EPA/SW-846).

In some instances, RCRA TSD units are included in operable units and are scheduled for investigation and closure as part of the operable unit remedial action. DOE shall follow the provisions of Section 7.8 for QA/QC for sampling and analysis activities at these land disposal units.

In regard to QA requirements for construction of RCRA land disposal facilities, DOE shall comply with "Technical Guidance Document: Construction Quality Assurance for Land Disposal Facilities" (EPA/530-SW-86-031).

For analytical chemistry and radiological laboratories, the QA/QC plans must include the elements listed in "Guidance on Preparation of Laboratory Quality Assurance Plans" (as listed in Appendix F). DOE shall submit laboratory QA/QC plans to the lead regulatory agency for review as secondary documents prior to use of that laboratory. In the event that DOE fails to demonstrate to the lead regulatory agency that data generated pursuant to this Agreement was obtained in accordance with the QA/QC requirements of this section, including laboratory QA/QC plans, DOE shall repeat sampling or analysis as required by the lead regulatory agency. Such action by the lead regulatory agency shall not preclude any other action which may be taken pursuant to this Agreement. For other data, the lead regulatory agency may request DOE to provide QA/QC documentation. Any such data that does not meet the QA/QC standard required by this section shall be clearly flagged and noted to indicate this fact.

## 7.0 PAST PRACTICES PROCESSES

### 7.1 INTRODUCTION

This section has the following five purposes.

- Describe the processes that are common to both CPP units and RPP 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 RPP unit process (Section 7.4).
- Describe the process for setting cleanup standards for any CPP or RPP 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 RCRA process (Section 7.4). Figure 7-2 highlights the major steps involved in both the CPP and RPP 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 RPP program.

In accordance with Section 3.1, and discussed in Section 8.3, the parties may elect to include the disposition of facilities under the past-practices processes. Such actions can proceed under either

the CPP or the RPP Program.

## **7.2 PRELIMINARY PROCESSES**

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

### **7.2.1 Site-wide Scoping Activity**

An ongoing scoping activity is being conducted on a site-wide basis to maintain a current listing of operable unit boundaries and priorities. The vehicle for documentation of this activity is the Waste Information Data System (WIDS). The WIDS, as described in Section 3.5, and Appendix C of this Action Plan will be updated as additional information becomes available.

Although initial operable unit boundaries have been identified (Appendix C), the site-wide scoping activity may reveal additional or new information that could impact the designation of individual units within operable units or the priority in which operable units will be managed. Any such changes will require the written concurrence of the assigned executive managers for the DOE and the affected lead regulatory agency. If both EPA and Ecology are affected by this action, the written concurrence of both agencies will be required in accordance with the modification procedures described in Section 12.2.

The site-wide scoping activities will not impact the schedule of any other activities that are shown on the work schedule (Appendix D).

### **7.2.2 Operable Unit Scoping Activity**

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 dispositioning activities which will be integrated with this process as discussed under Section 8.3, "Decommissioning Process Planning." 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.

This scoping activity is not intended to be a mechanism for generation of new information except for site survey and screening activities described in Section 7.3.2, but a thorough and complete evaluation of existing data. The schedule for submittal of the work plans, as specified in the work schedule (Appendix D), allows time for inclusion of the scoping activity.

The following is a list of specific scoping activities that will be addressed in each RI/FS (RFI/CMS) work plan:



## Appendix C

Listing by Operable Unit. (Sheet 1 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                    | Unit Type                           | Status                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------|
| 1100-EM-1<br>1100-1              | EPA<br>1100-1, Battery Acid Pit, 1171 Building Sandpit Spills, UPR-1100-1                                       | CPP<br>Depression/Pit (nonspecific) | Deleted from NPL (9/30/1996) |
| 1100-2                           | 1100-2, Paint and Solvent Pit, UPR-1100-2                                                                       | Depression/Pit (nonspecific)        | Deleted from NPL (9/30/1996) |
| 1100-3                           | 1100-3, Antifreeze and Degreaser Pit, Antifreeze Pit, UPR-1100-3                                                | Depression/Pit (nonspecific)        | Deleted from NPL (9/30/1996) |
| 1100-4                           | 1100-4, Antifreeze Tank Site, UN-1100-4, 1171 Building Spills, UPR-1100-4                                       | Storage Tank                        | Deleted from NPL (9/30/1996) |
| 1100-11                          | 1100-11, Ephemeral Pool                                                                                         | Pond                                | Deleted from NPL (9/30/1996) |
| HRD                              | HRD, Horn Rapids Disposal, ITT Waste Disposal Landfill, Horn Rapid Landfill (HRL), Gravel Pit #4, Gravel Pit #5 | Sanitary Landfill                   | Deleted from NPL (9/30/1996) |
| UPR-1100-5                       | UPR-1100-5, UN-1100-5, 1171 Parking Lot                                                                         | Unplanned Release                   | Deleted from NPL (9/30/1996) |
| UPR-1100-6                       | UPR-1100-6, Discolored Soil Site, UN-1100-6                                                                     | Depression/Pit (nonspecific)        | Deleted from NPL (9/30/1996) |
| 1100-EM-2<br>700 WST             | EPA<br>700 WST, 700 Area Waste Solvent Tank, 700 Area Underground Waste Solvent Tank, 703-1                     | CPP<br>Storage Tank                 | Deleted From NPL (9/30/1996) |
| 1100 BSUHR                       | 1100 BSUHR, 1100 Area Bus Shop Underground Hoist Rams                                                           | Storage Tank                        | Deleted from NPL (9/30/1996) |
| 1100 HWSA                        | 1100 HWSA, 1100 Area HWSA, 1100 Area Hazardous Waste Storage Area                                               | Storage Pad (<90 day)               | Deleted from NPL (9/30/1996) |
| 1100 UOT4                        | 1100 UOT4, 1100 Area Used Oil Tank 4, 1100 Area Underground Used Oil Tank (tank #4), 1171-4                     | Storage Tank                        | Deleted from NPL (9/30/1996) |
| 1100 UOT5                        | 1100 UOT5, 1100 Area Used Oil Tank 5, 1100 Area Underground Used Oil Tank (Tank #5), 1171-5                     | Storage Tank                        | Deleted from NPL (9/30/1996) |

## Appendix C

Listing by Operable Unit. (Sheet 2 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                                         | Unit Type             | Status                       |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------|
| 1100-EM-2 (continued)            |                                                                                                                                      |                       |                              |
| 1100 UOT6                        | 1100 UOT6, 1100 Area Used Oil Tank 6, 1100 Area Underground Used Oil Tank (Tank #6), 1171-6                                          | Storage Tank          | Deleted from NPL (9/30/1996) |
| 1100 USPT2                       | 1100 USPT2, 1100 Area Underground Steam Pad Tank 2, 1171-2                                                                           | Storage Tank          | Deleted from NPL (9/30/1996) |
| 1100 USPT3                       | 1100 USPT3, 1100 Area Underground Steam Pad Tank 3, 1171-3                                                                           | Storage Tank          | Deleted from NPL (9/30/1996) |
| 1100-8                           | 1100-8, 1171 Hoist Oil Leak                                                                                                          | Unplanned Release     | Deleted from NPL (9/30/1996) |
| 1100-EM-3                        | EPA                                                                                                                                  | CPP                   |                              |
| 3000 JYHWSA                      | 3000 JYHWSA, 3000 Area Jones Yard HWSA, 3000 Area Jones Yard Hazardous Waste Storage Area, Hazardous Waste Storage Area (Jones Yard) | Storage Pad (<90 day) | Deleted from NPL (9/30/1996) |
| 3000 UUOT                        | 3000 UUOT, 3000 Area Underground Used Oil Tank, 3000-12                                                                              | Storage Tank          | Deleted from NPL (9/30/1996) |
| 3000/1208 HWSA                   | 3000/1208 HWSA, 3000 Area 1208 HWSA, 3000 Area 1208 Building Hazardous Waste Storage Area, Hazardous Waste Storage Area (1208)       | Storage Pad (<90 day) | Deleted from NPL (9/30/1996) |
| 3000/1226 HWSA                   | 3000/1226 HWSA, 3000 Area 1226 HWSA, 3000 Area 1226 Building Hazardous Waste Storage Area, Hazardous Waste Storage Area (1226)       | Storage Pad (<90 day) | Deleted from NPL (9/30/1996) |
| 3000/1234                        | 3000/1234, 1234 Laydown Yard, 3000 Area 1234 Storage Yard, 1234 Building Storage Yard                                                | Storage               | Deleted from NPL (9/30/1996) |
| 3000/1240 HWSA                   | 3000/1240 HWSA, 3000 Area 1240 HWSA, 3000 Area 1240 Building Hazardous Waste Storage Area, Hazardous Waste Storage Area (1240)       | Storage Pad (<90 day) | Deleted from NPL (9/30/1996) |
| UPR-3000-1                       | UPR-3000-1, UN-3000-1                                                                                                                | Unplanned Release     | Deleted from NPL (9/30/1996) |

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## Appendix C

Listing by Operable Unit. (Sheet 3 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                          | Unit Type                 | Status                                                                          |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------|
| 1100-IU-1<br>600-28              | EPA<br>600-28, Rattlesnake Construction Dump                                                                          | CPP<br>Dumping Area       | Deleted from NFL (9/30/1996)                                                    |
| 600-112*                         | 600-112, 6652-C SSLAST, 6652-C SSL Active Septic Tank, 6652-C Space Science Laboratory Active Septic Tank             | Septic Tank               | Deleted from NPL (9/30/1996)                                                    |
| 600-113                          | 600-113, 6652-C SSLIST, 6652-C SSL Inactive Septic Tank, 6652-C Space Science Laboratory Inactive Septic Tank         | Septic Tank               | Deleted from NPL (9/30/1996)                                                    |
| 600-114                          | 600-114, 6652-G ALEFSBST, 6652-G ALE Field Storage Building Septic Tank                                               | Septic Tank               | Deleted from NPL (9/30/1996)                                                    |
| 600-115                          | 600-115, 6652-I ALEHST, 6652-I ALE Headquarters Septic Tank, 6652-I Arid Lands Ecology (ALE) Headquarters Septic Tank | Septic Tank               | Deleted from NPL (9/30/1996)                                                    |
| 600-116                          | 600-116, RMNMB, Rattlesnake Mountain Nike Missile Base                                                                | Military Compound         | Deleted from NPL (9/30/1996)                                                    |
| 100-BC-1<br>100-B-3              | EPA<br>100-B-3, Hot Thimble Burial Ground, Undocumented Solid Waste Site                                              | CPP<br>Burial Ground      |                                                                                 |
| 100-B-5                          | 100-B-5, Effluent Vent Disposal Trench, 116-B-9, 105-B Effluent Vent Trench                                           | Trench                    |                                                                                 |
| 100-B-8                          | 100-B-8, 100-B Reactor Cooling Water Effluent Underground Pipelines                                                   | Radioactive Process Sewer | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 100-B-10                         | 100-B-10, 107-B Basin Leak and Warm Springs                                                                           | Unplanned Release         |                                                                                 |
| 116-B-1                          | 116-B-1, 107-B Liquid Waste Disposal Trench                                                                           | Trench                    | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 116-B-2                          | 116-B-2, 105-B Storage Basin Trench, B-Storage Basin Crib                                                             | Trench                    | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 116-B-3                          | 116-B-3, 105-B Pluto Crib                                                                                             | Crib                      | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |

## Appendix C

Listing by Operable Unit. (Sheet 4 of 81)

**OPERABLE UNIT LEAD REGULATORY AGENCY**

| Waste Unit Name | Waste Unit Aliases                                                                                         | Unit Type       | Status                                                                                                      |
|-----------------|------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------|
| 100-BC-1        | (continued)                                                                                                |                 |                                                                                                             |
| 116-B-4         | 116-B-4, 105-B Dummy Decontamination French Drain, 105-B Dummy Decontamination Disposal Crib               | French Drain    | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 116-B-5         | 116-B-5, 116-B-5 Crib, 116-B-5 Trench, 108-B Crib                                                          | Crib            | Closed Out (1/8/1997)                                                                                       |
| 116-B-6A        | 116-B-6A, 111-B Crib No. 1, 116-B-6-1                                                                      | Crib            | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 116-B-6B        | 116-B-6B, 111-B Crib No. 2, 116-B-6-2                                                                      | Crib            | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 116-B-7         | 116-B-7, 1904-B-1 Outfall Structure, 1904-B1                                                               | Outfall         |                                                                                                             |
| 116-B-9         | 116-B-9, 104-B-2 French Drain                                                                              | French Drain    | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 116-B-10        | 116-B-10, 108-B Dry Well, Quench Tank                                                                      | Sump            | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 116-B-11        | 116-B-11, 107-B Retention Basin, 116-B-11 Retention Basin                                                  | Retention Basin | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 116-B-12        | 116-B-12, 117-B Crib, 117-B Seal Pit Crib                                                                  | Crib            | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 116-B-13        | 116-B-13, 107-B South Sludge Trench, 116-B-8, 107-B #2 Grave, Basin Sludge Burial Pit                      | Trench          | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 116-B-14        | 116-B-14, 107-B North Sludge Trench, 107-B Liquid Waste Disposal Trench No. 1, 116-B-2, 107-B #1 Grave     | Trench          | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 116-B-15        | 116-B-15, 105-B Fuel Storage Basin Cleanout Percolation Pit, 105-B Fuel Storage Discharge Pond, 105-B Pond | Pond            |                                                                                                             |
| 116-B-16        | 116-B-16, 111-B Fuel Examination Tank                                                                      | Storage Tank    | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 116-B-6A |
| 118-B-5         | 118-B-5, Ball 3X Burial Ground                                                                             | Burial Ground   |                                                                                                             |
| 118-B-7         | 118-B-7, 111-B Solid Waste Burial Site                                                                     | Burial Ground   |                                                                                                             |
| 118-B-10        | 118-B-10, Ball 3X Storage Vault                                                                            | Storage Tank    |                                                                                                             |

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## Appendix C

Listing by Operable Unit. (Sheet 5 of 81)

**OPERABLE UNIT LEAD REGULATORY AGENCY**

| Waste Unit Name | Waste Unit Aliases                                                                                                                          | Unit Type          | Status                                                                          |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------|
| 100-BC-1        | (continued)                                                                                                                                 |                    |                                                                                 |
| 120-B-1         | 120-B-1, 105-B Battery Acid Sump                                                                                                            | Sump               |                                                                                 |
| 126-B-3         | 126-B-3, 184-B Coal Pit                                                                                                                     | Dumping Area       |                                                                                 |
| 128-B-2         | 128-B-2, 100-B Burn Pit #2                                                                                                                  | Burn Pit           |                                                                                 |
| 128-B-3         | 128-B-3, 100-B Dump Site, 128-B-3 Coal Ash and Demolition Waste Site, 128-B-3 Burning Pit Site, 600-57                                      | Burn Pit           |                                                                                 |
| 132-B-1         | 132-B-1, 108-B Tritium Separation Facility                                                                                                  | Process Unit/Plant |                                                                                 |
| 132-B-3         | 132-B-3, 108-B Ventilation Exhaust Stack Site, 108-B Tritium Pilot Facility, Ventilation Exhaust Stack Site                                 | Burial Ground      |                                                                                 |
| 132-B-4         | 132-B-4, 117-B Filter Building                                                                                                              | Process Unit/Plant |                                                                                 |
| 132-B-5         | 132-B-5, 115-B/C Gas Recirculation Facility                                                                                                 | Process Unit/Plant |                                                                                 |
| 132-B-6         | 132-B-6, 1904-B-2 Outfall Structure Site, 116-B-8, 1904-B2                                                                                  | Outfall            |                                                                                 |
| 1607-B2*        | 1607-B2, 1607-B2 Septic Tank System, 124-B-2, 1607-B2 Sanitary Sewer System                                                                 | Septic Tank        |                                                                                 |
| 1607-B7         | 1607-B7, 1607-B7 Septic Tank System, 1607-B7 Sanitary Sewer System, 124-C-1                                                                 | Septic Tank        |                                                                                 |
| 116-C-1         | 116-C-1, 107-C Liquid Waste Disposal Trench                                                                                                 | Trench             | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 116-C-5         | 116-C-5, 116-C-5 Retention Basins, 107-C Retention Basins                                                                                   | Retention Basin    | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 132-C-2         | 132-C-2, 1904-C Outfall, 116-C-4                                                                                                            | Outfall            |                                                                                 |
| 100-BC-2        | EPA                                                                                                                                         | CPP                |                                                                                 |
| 100-B-1         | 100-B-1, Surface Chemical and Solid Waste Dumping Area, Laydown Yard                                                                        | Dumping Area       |                                                                                 |
| 118-B-1         | 118-B-1, 105-B Burial Ground, 105-B Solid Waste Burial Ground, Operations, Solid Waste Burial Ground, 108-B Burial Ground, Ext. to BG No. 1 | Burial Ground      |                                                                                 |

## Appendix C

Listing by Operable Unit. (Sheet 6 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                                        | Unit Type                 | Status                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------|
| 100-BC-2                         | (continued)                                                                                                                         |                           |                                                                                                            |
| 118-B-2                          | 118-B-2, Construction Burial Ground No. 1,<br>Minor Construction Burial, Ground No. 1                                               | Burial Ground             |                                                                                                            |
| 118-B-3                          | 118-B-3, Construction Burial Ground No. 2                                                                                           | Burial Ground             |                                                                                                            |
| 118-B-4                          | 118-B-4, 105-B Spacer Burial Ground, 105-B<br>Dummy Burial Ground                                                                   | Burial Ground             |                                                                                                            |
| 118-B-6                          | 118-B-6, 108-B Solid Waste Burial Ground,<br>108-B Solid Waste Burial Ground, No. 2                                                 | Burial Ground             |                                                                                                            |
| 1607-B8                          | 1607-B8, 1607-B8 Septic Tank System, 124-C-2,<br>1607-B8 Sanitary Sewer System, Septic Tank<br>& Disposal Field for 190-C Pumphouse | Septic Tank               |                                                                                                            |
| 1607-B9                          | 1607-B9, 1607-B9 Septic Tank System, 1607-B9<br>Sanitary Sewer System, 124-C-3                                                      | Septic Tank               |                                                                                                            |
| 1607-B10                         | 1607-B10, 1607-B10 Septic Tank System,<br>Sewage Disposal Field                                                                     | Septic Tank               |                                                                                                            |
| 1607-B11                         | 1607-B11, 1607-B11 Septic Tank System                                                                                               | Septic Tank               |                                                                                                            |
| 100-C-3                          | 100-C-3, 119-C Sample Building French Drain,<br>119-C French Drain                                                                  | French Drain              |                                                                                                            |
| 100-C-6                          | 100-C-6, 100-C Reactor Cooling Water Effluent<br>Underground Pipelines                                                              | Radioactive Process Sewer | Interim Remedial Action Record of Decision, 100-BC-1,<br>100-DR-1, 100-HR-1 (1995)                         |
| 100-C-7                          | 100-C-7, 183-C Filter Building /Pumproom<br>Facility Foundation and Demolition Waste                                                | Dumping Area              |                                                                                                            |
| 116-C-2A                         | 116-C-2A, 105-C Pluto Crib, 116-C-2, 105-C Crib                                                                                     | Crib                      | Amendment to the Interim Remedial Action Record of<br>Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-C-2B                         | 116-C-2B, 105-C Pluto Crib Pump Station,<br>116-C-2-1, 116-C-2B Pump Station                                                        | Pump Station              | Amendment to the Interim Remedial Action Record of<br>Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-C-2C                         | 116-C-2C, 105-C Pluto Crib Sand Filter,<br>116-C-2-2, 116-C-8                                                                       | Sand Filter               | Amendment to the Interim Remedial Action Record of<br>Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-C-3                          | 116-C-3, 105-C Chemical Waste Tanks                                                                                                 | Storage Tank              |                                                                                                            |
| 116-C-6                          | 116-C-6, 105-C Fuel Storage Basin Cleanout<br>Percolation Pit, 105-C Pond                                                           | Pond                      |                                                                                                            |

## Appendix C

Listing by Operable Unit. (Sheet 7 of 81)

| OPERABLE UNIT   | LEAD REGULATORY AGENCY                                                                                  |                    |                                                                                 |
|-----------------|---------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------|
| Waste Unit Name | Waste Unit Aliases                                                                                      | Unit Type          | Status                                                                          |
| 100-BC-2        | (continued)                                                                                             |                    |                                                                                 |
| 118-C-1         | 118-C-1, 105-C Burial Ground, 105-C Solid Waste Burial Ground, 118-C-1, Burial Ground                   | Burial Ground      |                                                                                 |
| 118-C-2         | 118-C-2, 105-C Ball Storage Tank, Ball 3X Storage Tank                                                  | Storage Tank       |                                                                                 |
| 128-C-1         | 128-C-1, 100-C Burning Pit                                                                              | Burn Pit           |                                                                                 |
| 132-C-1         | 132-C-1, 116-C Reactor Exhaust Stack Site, 105-C Reactor Stack Site,                                    | Burial Ground      |                                                                                 |
| 132-C-3         | 132-C-3, 117-C Filter Building                                                                          | Process Unit/Plant |                                                                                 |
| 600-33          | 600-33, 105-C Reactor Test Loop Burial Site                                                             | Burial Ground      |                                                                                 |
| 100-DR-1        | Ecology                                                                                                 | CPP                |                                                                                 |
| 100-D-1         | 100-D-1, Contaminated Drain, Contaminated Storm Drain                                                   | Process Sewer      |                                                                                 |
| 100-D-2         | 100-D-2, Solid Waste Site, Lead Sheeting                                                                | Foundation         |                                                                                 |
| 100-D-3         | 100-D-3, Solid Waste Burial Ground, Silica Gel                                                          | Burial Ground      |                                                                                 |
| 100-D-4         | 100-D-4, Sludge Trench #5, 107-DR Sludge Trench #5, 107-D-5, 107-D5                                     | Trench             | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 100-D-5         | 100-D-5, Waste Site Near 103-D, Undocumented Solid Waste Site, Undocumented Solid Waste Site Near 103-D | Burial Ground      |                                                                                 |
| 100-D-6         | 100-D-6, Buried VSR Thimble, Minor Construction Burial Ground #1, Burial Ground 4D, 118-D-4D            | Burial Ground      |                                                                                 |
| 100-D-7         | 100-D-7, Undocumented Solid Waste Site                                                                  | Dumping Area       |                                                                                 |
| 100-D-8         | 100-D-8, 105-DR Process Sewer Outfall Site, Undocumented Liquid Waste Site, 1907-DR                     | Outfall            |                                                                                 |
| 100-D-18        | 100-D-18, Sludge Trench #4, 107-D Sludge Trench #4, 107-D-4, 107-D4                                     | Trench             | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 100-D-19        | 100-D-19, Sludge Trench #6, 107-D Sludge Trench #6                                                      | Trench             |                                                                                 |

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## Appendix C

Listing by Operable Unit. (Sheet 8 of 81)

| OPERABLE UNIT   | LEAD REGULATORY AGENCY                                                                                                                         |                   |                                                                                                                       |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------|
| Waste Unit Name | Waste Unit Aliases                                                                                                                             | Unit Type         | Status                                                                                                                |
| 100-DR-1        | (continued)                                                                                                                                    |                   |                                                                                                                       |
| 100-D-20        | 100-D-20, Sludge Trench #3, 107-D Sludge Trench #3, 107-D-3, 107-D3                                                                            | Trench            | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                                       |
| 100-D-21        | 100-D-21, Sludge Trench #2, 107-DR Sludge Trench #2, 107-D-2, 107-D2                                                                           | Trench            | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                                       |
| 100-D-22        | 100-D-22, Sludge Trench #1, 107-DR Sludge Trench #1, 107-D-1, 107-D1                                                                           | Trench            | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                                       |
| 100-D-24        | 100-D-24, 119D Sample Building Drywell                                                                                                         | French Drain      |                                                                                                                       |
| 100-D-25        | 100-D-25, Unplanned Release: 107-DR Basin Leaks                                                                                                | Unplanned Release | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48, 100-D-49 |
| 100-D-29        | 100-D-29, Effluent Line Leak #2                                                                                                                | Unplanned Release | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48, 100-D-49 |
| 100-D-30        | 100-D-30, 190-D Sodium Dichromate Soil Contamination, 185-D, 189-D Decontamination & Demolition Project, 185-D Sodium Dichromate Trench & Sump | Unplanned Release |                                                                                                                       |
| 100-D-31        | 100-D-31, 100-D Water Treatment Facilities Underground Pipelines                                                                               | Process Sewer     |                                                                                                                       |
| 100-D-32        | 100-D-32, Minor Construction Burial Ground #6                                                                                                  | Burial Ground     |                                                                                                                       |
| 100-D-33        | 100-D-33, Minor Construction Burial Ground #4 East Trench                                                                                      | Burial Ground     |                                                                                                                       |
| 100-D-35        | 100-D-35, Minor Construction Burial Ground #4 West Trench                                                                                      | Burial Ground     |                                                                                                                       |
| 100-D-41        | 100-D-41, Minor Construction Burial Ground #5 Trench, 118-18, 118-D-18                                                                         | Burial Ground     |                                                                                                                       |
| 100-D-42        | 100-D-42, Buried VSR Thimble Site                                                                                                              | Burial Ground     |                                                                                                                       |
| 100-D-45        | 100-D-45, Buried VSR Thimble Site, Burial Ground 4B, 118-D-4B                                                                                  | Burial Ground     |                                                                                                                       |

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Listing by Operable Unit. (Sheet 9 of 81)

**OPERABLE UNIT LEAD REGULATORY AGENCY**

| Waste Unit Name | Waste Unit Aliases                                                                                           | Unit Type                 | Status                                                                                                      |
|-----------------|--------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------|
| 100-DR-1        | (continued)                                                                                                  |                           |                                                                                                             |
| 100-D-48        | 100-D-48, 100-D Reactor Cooling Water Effluent Underground Pipelines                                         | Radioactive Process Sewer | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 100-D-49        | 100-D-49, 100-DR Reactor Cooling Water Effluent Underground Pipelines                                        | Radioactive Process Sewer | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 100-D-52        | 100-D-52, 105-D Downcomer Insulation Space Dry Well                                                          | French Drain              | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48 |
| 116-D-1A        | 116-D-1A, 105-D Storage Basin Trench #1                                                                      | Trench                    | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 116-D-1B        | 116-D-1B, 105-D Storage Basin Trench #2                                                                      | Trench                    | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 116-D-2         | 116-D-2, 105-D Pluto Crib, 116-D-2A                                                                          | Crib                      | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 116-D-3         | 116-D-3, 108-D Crib #1                                                                                       | Crib                      | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)     |
| 116-D-4         | 116-D-4, 108-D Crib #2                                                                                       | Crib                      | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 116-D-5         | 116-D-5, 1904-D Outfall Structure                                                                            | Outfall                   |                                                                                                             |
| 116-D-6         | 116-D-6, 105-D Cushion Corridor French Drain                                                                 | French Drain              | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 116-D-7         | 116-D-7, 107-D Retention Basin, 107-D                                                                        | Retention Basin           | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 116-D-9         | 116-D-9, 117-D Crib, 117-D Seal Pit Crib                                                                     | Crib                      | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                             |
| 116-D-10        | 116-D-10, 105-D Fuel Storage Basin Cleanout Percolation Pit, 105-D Fuel Storage Discharge Ponds, 105-D Ponds | Pond                      |                                                                                                             |
| 120-D-2         | 120-D-2, 186-D Waste Acid Reservoir                                                                          | Storage Tank              |                                                                                                             |
| 126-D-2         | 126-D-2, 184-D Coal Pit/Burial Ground                                                                        | Burial Ground             |                                                                                                             |
| 128-D-2         | 128-D-2                                                                                                      | Burn Pit                  |                                                                                                             |

## Appendix C

Listing by Operable Unit. (Sheet 10 of 81)

| OPERABLE UNIT   | LEAD REGULATORY AGENCY                                                                                                      |                    |                                                                                                                             |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Waste Unit Name | Waste Unit Aliases                                                                                                          | Unit Type          | Status                                                                                                                      |
| 100-DR-1        | (continued)                                                                                                                 |                    |                                                                                                                             |
| 130-D-1         | 130-D-1, 1716-D Gasoline Storage Tank,<br>1706-D Gasoline Storage Tank                                                      | Storage Tank       |                                                                                                                             |
| 132-D-1         | 132-D-1, 115-D/DR Gas Recirculating Facility                                                                                | Process Unit/Plant |                                                                                                                             |
| 132-D-2         | 132-D-2, 117-D Filter Building                                                                                              | Process Unit/Plant |                                                                                                                             |
| 132-D-3         | 132-D-3, 1608-D Waste Water Pumping<br>Station, 1608-D Effluent Pumping Station                                             | Pump Station       |                                                                                                                             |
| 1607-D2         | 1607-D2, 1607-D2 Septic Tank and Associated<br>Drain Fields, 124-D-2, 1607-D2 Sanitary Sewer<br>System, 1607-D2 Septic Tank | Septic Tank        | Interim Remedial Action Record of Decision, 100-BC-1,<br>100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48              |
| 1607-D2:1       | Original 1607-D2 Tile Field, Eastern 1607-D2 Tile Field                                                                     |                    |                                                                                                                             |
| 1607-D2:2       | Replacement 1607-D2 Tile Field, Northern Tile Field                                                                         |                    |                                                                                                                             |
| 1607-D4         | 1607-D4, 1607-D4 Septic Tank and Associated<br>Drain Field, 124-D-4, 1607-D4 Sanitary Sewer<br>System, 1607-D4 Septic Tank  | Septic Tank        |                                                                                                                             |
| 1607-D5*        | 1607-D5, 1607-D5 Septic Tank and Associated<br>Drain Field, 124-D-5, 1607-D5 Sanitary Sewer<br>System, 1607-D5 Septic Tank  | Septic Tank        |                                                                                                                             |
| 116-DR-1&2      | 116-DR-1&2, 107-DR Liquid Waste Disposal<br>Trench #1, 107-DR Liquid Waste Disposal<br>Trench #2, 116-DR-1, 116-DR-2        | Trench             | Interim Remedial Action Record of Decision, 100-BC-1,<br>100-DR-1, 100-HR-1 (1995)                                          |
| 116-DR-5        | 116-DR-5, 1904-DR Outfall Structure, 1904-DR                                                                                | Outfall            |                                                                                                                             |
| 116-DR-9        | 116-DR-9, 107-DR Retention Basin, 107-DR                                                                                    | Retention Basin    | Interim Remedial Action Record of Decision, 100-BC-1,<br>100-DR-1, 100-HR-1 (1995)                                          |
| 628-3           | 628-3                                                                                                                       | Burn Pit           |                                                                                                                             |
| UPR-100-D-1     | UPR-100-D-1, Oil Soaked Soil                                                                                                | Unplanned Release  |                                                                                                                             |
| UPR-100-D-2     | UPR-100-D-2, Effluent Line Leak #1                                                                                          | Unplanned Release  | Interim Remedial Action Record of Decision, 100-BC-1,<br>100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48,<br>100-D-49 |

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## Appendix C

Listing by Operable Unit. (Sheet 11 of 81)

| OPERABLE UNIT<br>Waste Unit Name    | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                                                      | Unit Type                  | Status                                                                                                                |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 100-DR-1 (continued)<br>UPR-100-D-3 | UPR-100-D-3, Effluent Line Leak #3                                                                                                                | Unplanned Release          | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48, 100-D-49 |
| UPR-100-D-4                         | UPR-100-D-4, Unplanned Release: 107-D Basin Leaks                                                                                                 | Unplanned Release          | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48, 100-D-49 |
| UPR-100-D-5                         | UPR-100-D-5, Effluent Line Leak #4                                                                                                                | Unplanned Release          | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48, 100-D-49 |
| 100-DR-2<br>100-D-12                | <b>Ecology</b><br>100-D-12, Sodium Dichromate / Acid Railcar and Truck Unload Station and Associated French Drain, Undocumented Liquid Waste Site | <b>RPP</b><br>Pump Station |                                                                                                                       |
| 100-D-13                            | 100-D-13, Unnumbered Septic System a, Septic Tank D-13, 100 DR Area Sewage Disposal Unit. 124-DR-3, 1607-DR3                                      | Septic Tank                |                                                                                                                       |
| 100-D-15                            | 100-D-15, Debris North of 100-D Area Perimeter Road and Debris South of 100-D Perimeter Road - within 100-D-55 (Gravel Pit #21)                   | Dumping Area               |                                                                                                                       |
| 100-D-23                            | 100-D-23, 119-DR Sample Building Drywell                                                                                                          | French Drain               |                                                                                                                       |
| 100-D-27                            | 100-D-27, 151-D Substation UPR, A-2 Substation Transformer #A401C Leak                                                                            | Unplanned Release          |                                                                                                                       |
| 100-D-28                            | 100-D-28, 190-DR Building Septic System                                                                                                           | Septic Tank                |                                                                                                                       |
| 100-D-40                            | 100-D-40, Minor Construction Burial Ground #5 Hole                                                                                                | Burial Ground              |                                                                                                                       |
| 100-D-43                            | 100-D-43, Buried VSR Thimble Site, Burial Ground 4C, 118-D-4C                                                                                     | Burial Ground              |                                                                                                                       |
| 100-D-46                            | 100-D-46, Burial Ground 4A, 118-D-4A                                                                                                              | Burial Ground              |                                                                                                                       |

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## Appendix C

Listing by Operable Unit. (Sheet 12 of 81)

### OPERABLE UNIT LEAD REGULATORY AGENCY

| Waste Unit Name | Waste Unit Aliases                                                                                         | Unit Type     | Status                                                                                                  |
|-----------------|------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------------------------|
| 100-DR-2        | (continued)                                                                                                |               |                                                                                                         |
| 100-D-47        | 100-D-47, Construction C.G. 558-Rod Burial, Burial Ground 4E, 118-D-4E                                     | Burial Ground |                                                                                                         |
| 116-D-8         | 116-D-8, 100-D Cask Storage Pad                                                                            | Storage       |                                                                                                         |
| 118-D-1         | 118-D-1, 100-D Burial Ground No. 1                                                                         | Burial Ground |                                                                                                         |
| 118-D-2         | 118-D-2, 100-D Burial Ground No. 2                                                                         | Burial Ground |                                                                                                         |
| 118-D-3         | 118-D-3, 100-D Burial Ground No. 3                                                                         | Burial Ground |                                                                                                         |
| 118-D-4         | 118-D-4, Construction Burial Ground, Burial Ground 4F, 118-D-4F                                            | Burial Ground |                                                                                                         |
| 118-D-5         | 118-D-5, Ball 3X Burial Ground, Burial Ground 4G, 118-D-4G                                                 | Burial Ground |                                                                                                         |
| 128-D-1         | 128-D-1, 100 D/DR Burning Pit                                                                              | Burn Pit      |                                                                                                         |
| 116-DR-3        | 116-DR-3, 105-DR Storage Basin Trench                                                                      | Trench        | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-DR-4        | 116-DR-4, 105-DR Pluto Crib                                                                                | Crib          | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-DR-6        | 116-DR-6, 1608-DR Liquid Disposal Trench, Wash Pad Liquid Waste Site 3C                                    | Trench        | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-DR-7        | 116-DR-7, 105-DR Inkwel Crib                                                                               | Crib          |                                                                                                         |
| 116-DR-8        | 116-DR-8, 117-DR Crib, 117-DR Seal Pit Crib                                                                | Crib          |                                                                                                         |
| 116-DR-10       | 116-DR-10, 105-DR Fuel Storage Basin Cleanout Percolation, 105-DR Fuel Storage Discharge Pond, 105-DR Pond | Pond          |                                                                                                         |
| 118-DR-1        | 118-DR-1, 105-DR Gas Loop Burial Ground                                                                    | Burial Ground |                                                                                                         |
| 126-DR-1*       | 126-DR-1, 190-DR Clearwell Tank Pit                                                                        | Dumping Area  |                                                                                                         |
| 132-DR-1        | 132-DR-1, 1608-DR Waste Water Pumping Station, 1608-DR Effluent Pumping Station                            | Pump Station  |                                                                                                         |
| 600-30          | 600-30, 100-DR Construction Lay-down Area                                                                  | Dumping Area  |                                                                                                         |

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## Appendix C

Listing by Operable Unit. (Sheet 13 of 81)

| OPERABLE UNIT   | LEAD REGULATORY AGENCY                                                                                                                            |                           |                                                                                                         |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------|
| Waste Unit Name | Waste Unit Aliases                                                                                                                                | Unit Type                 | Status                                                                                                  |
| 100-FR-1        | EPA                                                                                                                                               | CPP                       |                                                                                                         |
| 141-C           | 141-C, 141-C Animal Barn, Large Animal Barn & Biology Laboratory, Hog Barn                                                                        | Laboratory                |                                                                                                         |
| 100-F-4         | 100-F-4, 108-F Building 12-inch French Drain                                                                                                      | French Drain              |                                                                                                         |
| 100-F-7         | 100-F-7, Underground Fuel Tank - 1705-F Building                                                                                                  | Storage Tank              |                                                                                                         |
| 100-F-9         | 100-F-9, French Drain at East End of 105-F Storage Room (Northeast Corner)                                                                        | French Drain              |                                                                                                         |
| 100-F-10        | 100-F-10, French Drain at East End of 105-F Storage Room (Southeast Corner)                                                                       | French Drain              |                                                                                                         |
| 100-F-11        | 100-F-11, 108-F Building 18 inch French Drain                                                                                                     | French Drain              |                                                                                                         |
| 100-F-12        | 100-F-12, 36 inch French Drain at 105-F Building                                                                                                  | French Drain              |                                                                                                         |
| 100-F-16        | 100-F-16, 108-F Building 30-inch French Drain, Undocumented                                                                                       | French Drain              |                                                                                                         |
| 100-F-18        | 100-F-18, 105-F Condensate Drain Field, Underground Tank at 105-F Building, Undocumented                                                          | Drain/Tile Field          |                                                                                                         |
| 100-F-19        | 100-F-19, 100-F Reactor Cooling Water Effluent Underground Pipelines, Contaminated Underground Lines, Effluent Water System, 1904-F Process Sewer | Radioactive Process Sewer | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 100-F-23        | 100-F-23, 141-C Drywell                                                                                                                           | French Drain              |                                                                                                         |
| 100-F-24        | 100-F-24, 145-F Drywell                                                                                                                           | French Drain              |                                                                                                         |
| 100-F-25        | 100-F-25, 146-FR Drywells                                                                                                                         | French Drain              |                                                                                                         |
| 100-F-29        | 100-F-29, 100-F Experimental Animal Farm Process Sewer Pipelines                                                                                  | Radioactive Process Sewer |                                                                                                         |
| 100-F-31        | 100-F-31, 144-F Sanitary Sewer System                                                                                                             | Septic Tank               |                                                                                                         |
| 100-F-33        | 100-F-33, 146-F Aquatic Biology Fish Ponds                                                                                                        | Unplanned Release         |                                                                                                         |

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## Appendix C

Listing by Operable Unit. (Sheet 14 of 81)

**OPERABLE UNIT LEAD REGULATORY AGENCY**

| Waste Unit Name | Waste Unit Aliases                                                                                                           | Unit Type       | Status                                                                                                  |
|-----------------|------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------|
| 100-FR-1        | (continued)                                                                                                                  |                 |                                                                                                         |
| 100-F-34        | 100-F-34, Biology Facility French Drain                                                                                      | French Drain    |                                                                                                         |
| 116-F-1         | 116-F-1, Lewis Canal                                                                                                         | Trench          | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-F-2         | 116-F-2, 107-F Liquid Waste Disposal Trench                                                                                  | Trench          | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-F-3         | 116-F-3, 105-F Storage Basin Trench                                                                                          | Trench          | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-F-4         | 116-F-4, 105-F Pluto Crib                                                                                                    | Crib            | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-F-5         | 116-F-5, Ball Washer Crib                                                                                                    | Crib            | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-F-6         | 116-F-6, 1608-F Liquid Waste Disposal Trench, 105-F Cooling Water Trench                                                     | Trench          | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-F-7         | 116-F-7, 117-F Crib, 116-F-7 Seal Pit Water Crib                                                                             | French Drain    |                                                                                                         |
| 116-F-8         | 116-F-8, 1904-F Outfall Structure                                                                                            | Outfall         |                                                                                                         |
| 116-F-9         | 116-F-9, Animal Waste Leaching Trench                                                                                        | Trench          | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-F-10        | 116-F-10, 105-F Dummy Decontamination French Drain, 116-F-8, 105 Dummy/Perf Decontamination Crib, Perf Decontamination Drain | French Drain    | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-F-11        | 116-F-11, 105-F Cushion Corridor French Drain                                                                                | French Drain    | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-F-12        | 116-F-12, 148-F French Drain                                                                                                 | French Drain    |                                                                                                         |
| 116-F-14        | 116-F-14, 107-F Retention Basin, 107-F                                                                                       | Retention Basin | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-F-15        | 116-F-15, 108-F Radiation Crib                                                                                               | Sump            |                                                                                                         |
| 116-F-16        | 116-F-16, PNL Outfall                                                                                                        | Outfall         |                                                                                                         |
| 126-F-2*        | 126-F-2, 183-F Clearwells                                                                                                    | Dumping Area    |                                                                                                         |

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## Appendix C

Listing by Operable Unit. (Sheet 15 of 81)

**OPERABLE UNIT LEAD REGULATORY AGENCY**

| Waste Unit Name | Waste Unit Aliases                                                                                 | Unit Type         | Status                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------------------------|
| 100-FR-1        | (continued)                                                                                        |                   |                                                                                                         |
| 128-F-2         | 128-F-2, 100-F Burning Pit                                                                         | Burn Pit          |                                                                                                         |
| 132-F-1         | 132-F-1, 132-F-1 Chronic Feeding Barn, 141-F, 141-F Sheep Barn                                     | Laboratory        |                                                                                                         |
| 132-F-3         | 132-F-3, 115-F Gas Recirculating Facility                                                          | Burial Ground     |                                                                                                         |
| 132-F-4         | 132-F-4, 116-F Reactor Stack, 116-F Reactor Exhaust Stack, 132-F-4 Reactor Stack Demolition Site   | Burial Ground     |                                                                                                         |
| 132-F-5         | 132-F-5, 117-F Filter Building                                                                     | Burial Ground     |                                                                                                         |
| 132-F-6         | 132-F-6, 1608-F Waste Water Pumping Station, 1608-F Effluent Pumping Station, 132-F-6 Lift Station | Pump Station      |                                                                                                         |
| 182-F           | 182-F, 182-F Reservoir                                                                             | Dumping Area      |                                                                                                         |
| 1607-F2         | 1607-F2, 1607-F2 Septic Tank, 124-F-2, 1607-F2 Sanitary Sewer System                               | Septic Tank       |                                                                                                         |
| 1607-F3         | 1607-F3, 1607-F3 Septic Tank, 124-F-3, 1607-F3 Sanitary Sewer System                               | Septic Tank       |                                                                                                         |
| 1607-F4         | 1607-F4, 1607-F4 Septic Tank, 124-F-4, 1607-F4 Sanitary Sewer System                               | Septic Tank       |                                                                                                         |
| 1607-F5         | 1607-F5, 1607-F5 Septic Tank, 124-F-5, 1607-F5 Sanitary Sewer System                               | Septic Tank       |                                                                                                         |
| 1607-F6         | 1607-F6, 1607-F6 Septic Tank, 124-F-6, 1607-F6 Sanitary Sewer System                               | Drain/Tile Field  |                                                                                                         |
| 1607-F7         | 1607-F7, 141-M Building Septic Tank, 124-F-7                                                       | Septic Tank       |                                                                                                         |
| UPR-100-F-1     | UPR-100-F-1, 141 Building Sewer Line Spill, UN-100-F-1, 141-C to 141-M Sewer Line Leak             | Unplanned Release |                                                                                                         |
| UPR-100-F-2     | UPR-100-F-2, Basin Leak Ditch, 107-F Basin Leak Ditch, 100-F-3                                     | Unplanned Release | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| UPR-100-F-3     | UPR-100-F-3, Mercury Spill                                                                         | Unplanned Release |                                                                                                         |

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Listing by Operable Unit. (Sheet 16 of 81)

| OPERABLE UNIT   | LEAD REGULATORY AGENCY                                                                                |               |                                                                                                         |
|-----------------|-------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------------------------|
| Waste Unit Name | Waste Unit Aliases                                                                                    | Unit Type     | Status                                                                                                  |
| 100-FR-2        | EPA                                                                                                   | CPP           |                                                                                                         |
| 100-F-2         | 100-F-2, Strontium Garden, PNL Ecological Study Strontium Garden                                      | Laboratory    |                                                                                                         |
| 100-F-14        | 100-F-14, 100-FR-2 Vent Pipe, 100-F Carpenter Shop Waste Site Vent                                    | Storage Tank  |                                                                                                         |
| 100-F-15        | 100-F-15, 108-F Building Ventilation French Drain, Undocumented                                       | French Drain  | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 100-F-20        | 100-F-20, PNL Parallel Pits                                                                           | Trench        |                                                                                                         |
| 100-F-28        | 100-F-28, Septic Tank and Drainfield                                                                  | Septic Tank   |                                                                                                         |
| 118-F-1         | 118-F-1, Minor Construction Burial Ground No. 2, Burial Ground No. 1, Solid Waste Burial Ground No. 2 | Burial Ground |                                                                                                         |
| C-16 118-F-2    | 118-F-2, Burial Ground No. 2, Solid Waste Burial Ground No. 1                                         | Burial Ground |                                                                                                         |
| 118-F-3         | 118-F-3, Minor Construction Burial Ground No. 1, Burial Ground No. 3                                  | Burial Ground |                                                                                                         |
| 118-F-4         | 118-F-4, 115-F Pit, 115-F Crib                                                                        | Crib          |                                                                                                         |
| 118-F-5         | 118-F-5, PNL Sawdust Pit, PNL Sawdust Respository, Battelle Sawdust Pit                               | Burial Ground |                                                                                                         |
| 118-F-6         | 118-F-6, PNL Solid Waste Burial Ground                                                                | Burial Ground |                                                                                                         |
| 118-F-7         | 118-F-7, 100-F Miscellaneous Hardware Storage Vault, Concrete Box                                     | Storage       |                                                                                                         |
| 118-F-9         | 118-F-9, PNL Rad Site                                                                                 | Burial Ground |                                                                                                         |
| 120-F-1         | 120-F-1, Glass Dump                                                                                   | Trench        |                                                                                                         |
| 126-F-1         | 126-F-1, 184-F Powerhouse Ash Pit, 188-F Ash Disposal Area                                            | Coal Ash Pit  | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 128-F-1         | 128-F-1, 100-F Burning Pit, 100-F Burning Pit No. 1                                                   | Burn Pit      |                                                                                                         |
| 128-F-3         | 128-F-3, PNL Burn Pit                                                                                 | Burn Pit      |                                                                                                         |

## Appendix C

Listing by Operable Unit. (Sheet 17 of 81)

| OPERABLE UNIT   | LEAD REGULATORY AGENCY                                                                                               |                           |                                                                                                         |
|-----------------|----------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------|
| Waste Unit Name | Waste Unit Aliases                                                                                                   | Unit Type                 | Status                                                                                                  |
| 100-FR-2        | (continued)                                                                                                          |                           |                                                                                                         |
| 1607-F1         | 1607-F1, 1607-F1 Septic Tank and Associated Drain Field, 124-F-1, 1607-F1 Sanitary Sewer System, 1607-F1 Septic Tank | Septic Tank               |                                                                                                         |
| 100-HR-1        | Ecology                                                                                                              | CPP                       |                                                                                                         |
| 100-H-3         | 100-H-3, 1716-H Garage Fuel Tank Site                                                                                | Storage Tank              |                                                                                                         |
| 100-H-4         | 100-H-4, 1717-H Hot Shop, French Drain, and, Contaminated Storage Unit                                               | Maintenance Shop          |                                                                                                         |
| 100-H-5         | 100-H-5, 107-H Retention Basin Sludge Burial Site, 107-H Buried Sludge Site, 107-H Grave                             | Burial Ground             | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 100-H-7         | 100-H-7, French Drain A                                                                                              | French Drain              |                                                                                                         |
| 100-H-8         | 100-H-8, French Drain B                                                                                              | French Drain              |                                                                                                         |
| 100-H-9         | 100-H-9, French Drain C                                                                                              | French Drain              |                                                                                                         |
| 100-H-10        | 100-H-10, French Drain D                                                                                             | French Drain              |                                                                                                         |
| 100-H-11        | 100-H-11, Expansion Box French Drain E                                                                               | French Drain              |                                                                                                         |
| 100-H-12        | 100-H-12, Expansion Box French Drain F and Shielding Lead                                                            | French Drain              |                                                                                                         |
| 100-H-13        | 100-H-13, French Drain G                                                                                             | French Drain              |                                                                                                         |
| 100-H-14        | 100-H-14, Surface Contamination Zone H                                                                               | Unplanned Release         |                                                                                                         |
| 100-H-17        | 100-H-17, Suspect Unplanned Release: 116-H-2 Trench Overflow                                                         | Trench                    | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 100-H-21        | 100-H-21, 100-H Reactor Cooling Water Effluent Underground Pipelines                                                 | Radioactive Process Sewer | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                         |
| 100-H-22        | 100-H-22, Soil Contaminated by Effluent Line Leakage                                                                 | Unplanned Release         |                                                                                                         |
| 100-H-24        | 100-H-24, 151-H Electrical Facilities, 151-H Substation                                                              | Electrical Substation     |                                                                                                         |
| 100-H-31        | 100-H-31, Polychlorinated Biphenyl in Soil On North Side of 105-H Reactor Building                                   | Unplanned Release         |                                                                                                         |

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Listing by Operable Unit. (Sheet 18 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                         | Unit Type       | Status                                                                                                     |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------------------------|
| 100-HR-1                         | (continued)                                                                                                          |                 |                                                                                                            |
| 116-H-1                          | 116-H-1, 107-H Liquid Waste Disposal Trench                                                                          | Trench          | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                            |
| 116-H-2                          | 116-H-2, 1608-H Liquid Waste Disposal Trench, 1608-H Crib & Trench                                                   | Trench          | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                            |
| 116-H-3                          | 116-H-3, 105-H Dummy Decontamination French Drain, Perf Decontamination Drain                                        | French Drain    | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)    |
| 116-H-4                          | 116-H-4, 105-H Pluto Crib                                                                                            | Crib            | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                            |
| 116-H-5                          | 116-H-5, 116-H-5 Outfall Structure, 1904-H Outfall Structure, 116-H-5 Outfall Structure and Riverlines               | Outfall         |                                                                                                            |
| 116-H-7                          | 116-H-7, 107-H Retention Basin, 107-H                                                                                | Retention Basin | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                            |
| 116-H-9                          | 116-H-9, 117-H Crib, 117-H Seal Pit Crib                                                                             | Crib            |                                                                                                            |
| 126-H-2*                         | 126-H-2, 183-H Clearwells/Disposal Pit                                                                               | Dumping Area    |                                                                                                            |
| 132-H-1                          | 132-H-1, 116-H Reactor Exhaust Stack Burial Site                                                                     | Burial Ground   |                                                                                                            |
| 132-H-3                          | 132-H-3, 1608-H Waste Water Pumping Station Site, 116-H-8, 1608-H Effluent Pumping Station Site                      | Pump Station    |                                                                                                            |
| 1607-H2                          | 1607-H2, 1607-H2 Septic Tank and Associated Drain Field, 1607-H2 Sanitary Sewer System, 124-H-2, 1607-H2 Septic Tank | Septic Tank     |                                                                                                            |
| 1607-H4                          | 1607-H4, 1607-H4 Septic Tank and Associated Drain Field, 1607-H4 Sanitary Sewer System, 124-H-4, 1607-H4 Septic Tank | Septic Tank     |                                                                                                            |
| 100-HR-2                         | Ecology                                                                                                              | RPP             |                                                                                                            |
| 100-H-2                          | 100-H-2, Buried Thimble Site                                                                                         | Burial Ground   | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 116-H-2 |
| 118-H-1                          | 118-H-1, 100-H Burial Ground No. 1, 100-H-1                                                                          | Burial Ground   |                                                                                                            |

## Appendix C

Listing by Operable Unit. (Sheet 19 of 81)

**OPERABLE UNIT LEAD REGULATORY AGENCY**

| Waste Unit Name | Waste Unit Aliases                                                                                                   | Unit Type                    | Status                      |
|-----------------|----------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------|
| 100-HR-2        | (continued)                                                                                                          |                              |                             |
| 118-H-2         | 118-H-2, H-1 Loop Burial Ground, 100-H Burial Ground No. 2                                                           | Burial Ground                |                             |
| 118-H-3         | 118-H-3, Construction Burial Ground                                                                                  | Burial Ground                |                             |
| 118-H-4         | 118-H-4, Ball 3X Burial Ground                                                                                       | Burial Ground                |                             |
| 118-H-5         | 118-H-5, 105-H Thimble Pit                                                                                           | Burial Ground                |                             |
| 128-H-1         | 128-H-1, 100-H Burning Pit, 100-H Burning Pit No. 1                                                                  | Burn Pit                     |                             |
| 128-H-2         | 128-H-2, 100-H Burning Ground #2                                                                                     | Burn Pit                     |                             |
| 128-H-3         | 128-H-3, 100-H Burning Ground #3                                                                                     | Burn Pit                     |                             |
| 132-H-2         | 132-H-2, 117-H Filter Building Site                                                                                  | Burial Ground                |                             |
| 1607-H1*        | 1607-H1, 1607-H1 Septic Tank and Associated Drain Field, 124-H-1, 1607-H1 Sanitary Sewer System, 1607-H1 Septic Tank | Septic Tank                  |                             |
| 600-151         | 600-151, Dumping Areas 50 yds and 200 yds Downstream of River Mile 14, Military installation NW of 100H Area         | Dumping Area                 |                             |
| 100-IU-1        | EPA                                                                                                                  | CPP                          |                             |
| 600-41          | 600-41, H 70 Anti-Aircraft Artillery (AAA) Site                                                                      | Military Compound            | Deleted From NPL (7/8/1998) |
| 600-42          | 600-42, H 71 Anti-Aircraft Artillery (AAA) Site                                                                      | Military Compound            | Deleted From NPL (7/8/1998) |
| 600-43          | 600-43, McGee Fish Farm                                                                                              | Dumping Area                 | Deleted From NPL (7/8/1998) |
| 600-44          | 600-44, Herbicide/Pesticide Empty Container Pile, Enyert Well Empty Pesticide Container Dump, 600-68                 | Dumping Area                 | Deleted From NPL (7/8/1998) |
| 600-45          | 600-45, Transite and Metal Debris Pile                                                                               | Dumping Area                 | Deleted From NPL (7/8/1998) |
| 600-101         | 600-101, RRCWP, Riverland Railroad Car Wash Pit                                                                      | Depression/Pit (nonspecific) | Deleted From NPL (7/8/1998) |

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## Appendix C

Listing by Operable Unit. (Sheet 20 of 81)

**OPERABLE UNIT LEAD REGULATORY AGENCY**

| Waste Unit Name | Waste Unit Aliases                                                                                                                | Unit Type         | Status                      |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------|
| 100-IU-1        | (continued)                                                                                                                       |                   |                             |
| 600-102         | 600-102, 600 AMBS, 600 Area Army Munitions Burial Site                                                                            | Burial Ground     | Deleted From NPL (7/8/1998) |
| 100-IU-2        | EPA                                                                                                                               | CPP               |                             |
| 600-5           | 600-5, White Bluffs Waste Oil Dump, Asphalt Heliport                                                                              | Dumping Area      |                             |
| 600-52          | 600-52, White Bluffs Surface Basin                                                                                                | Drain/Tile Field  |                             |
| 600-98          | 600-98, East White Bluffs City Landfills, East White Bluffs Dump and East White Bluffs Dump #2, East White Bluffs Landfill, EWBCL | Sanitary Landfill |                             |
| 600-99          | 600-99, JA Jones 2, J. A. Jones #2, JA JONES2                                                                                     | Burial Ground     |                             |
| 600-100         | 600-100, White Bluffs Landfill, White Bluffs City Landfill, WBL, White Bluffs City Dump, 600-119                                  | Sanitary Landfill |                             |
| 600-120         | 600-120, White Bluffs Spare Parts Burn Pit, Spare Parts Burn Pit                                                                  | Burn Pit          |                             |
| 600-124         | 600-124, White Bluffs Burn Site and Paint Disposal Area, Burn Site and Paint Disposal Area                                        | Burn Pit          |                             |
| 600-125         | 600-125, White Bluffs Waste Disposal Trench 1, Waste Disposal Trenches                                                            | Trench            |                             |
| 600-127         | 600-127, White Bluffs Loading Docks and Fuel Storage Area, Fuel Storage Area                                                      | Storage           |                             |
| 600-128         | 600-128, White Bluffs Oil and Oil Filter Dump Site, Oil and Oil Filter Dump Site                                                  | Dumping Area      |                             |
| 600-129         | 600-129, White Bluffs Pre-MED Community Dump Site 1, Pre-MED White Bluffs Community Dump Site (Oil Can Site)                      | Dumping Area      |                             |

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## Appendix C

Listing by Operable Unit. (Sheet 21 of 81)

**OPERABLE UNIT LEAD REGULATORY AGENCY**

| Waste Unit Name | Waste Unit Aliases                                                                                                      | Unit Type         | Status                      |
|-----------------|-------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------|
| <b>100-IU-2</b> | (continued)                                                                                                             |                   |                             |
| 600-131         | 600-131, White Bluffs Water Station and Special Fabrication Shops and Warehouse, Special Fabrication Shop and Warehouse | Dumping Area      |                             |
| 600-132         | 600-132, White Bluffs Construction Contractor Shop Landfill, Construction Contractor Shop Landfill                      | Burial Ground     |                             |
| 600-139         | 600-139, White Bluffs Automotive Repair Shop and Associated Waste Sites, Automotive Repair Shop                         | Dumping Area      |                             |
| 600-176         | 600-176, White Bluffs Paint Disposal Area                                                                               | Dumping Area      |                             |
| 600-181         | 600-181, White Bluffs Oil Dump                                                                                          | Dumping Area      |                             |
| 600-188         | 600-188, White Bluffs Waste Disposal Trench 2                                                                           | Trench            |                             |
| 600-190         | 600-190, White Bluffs Warehouse Tar and/or Paint Disposal Area                                                          | Dumping Area      |                             |
| 600-201         | 600-201, White Bluffs Paint and Solid Waste Disposal Site                                                               | Dumping Area      |                             |
| 628-1           | 628-1, White Bluffs Burn Pit                                                                                            | Burn Pit          |                             |
| <b>100-IU-3</b> | <b>Ecology</b>                                                                                                          | <b>CPP</b>        |                             |
| 600-6           | 600-6, MIL - H-12-L, "Battery B" Nike Missile Launch Site                                                               | Military Compound | Deleted From NPL (7/8/1998) |
| 600-7           | 600-7, Nike Asbestos Pipe Site, Concrete/Asbestos Pipe Site                                                             | Dumping Area      | Deleted From NPL (7/8/1998) |
| 600-8           | 600-8, MIL - H-06C, Control Center for "Battery A" Nike Missile, Wahluke Slope Nike Missile Base, WSNMB                 | Military Compound | Deleted From NPL (7/8/1998) |
| 600-9           | 600-9, MIL - H-06L, Battery "A" Nike Missile Installation Launch Site, Wahluke Slope, Nike Missile Base, WSNMB          | Military Compound | Deleted From NPL (7/8/1998) |
| 600-10          | 600-10, MIL - H-12C, "Battery B" Nike Missile Control Center                                                            | Military Compound | Deleted From NPL (7/8/1998) |

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## Appendix C

Listing by Operable Unit. (Sheet 22 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                  | Unit Type         | Status                      |
|----------------------------------|-------------------------------------------------------------------------------|-------------------|-----------------------------|
| 100-IU-3                         | (continued)                                                                   |                   |                             |
| 600-11                           | 600-11, MIL - H-81R                                                           | Military Compound | Deleted From NPL (7/8/1998) |
| 600-12                           | 600-12, MIL - H-83C, Battery "C" Control Center                               | Military Compound | Deleted From NPL (7/8/1998) |
| 600-13                           | 600-13, MIL - H-83L, Battery "C" Launch Site                                  | Military Compound | Deleted From NPL (7/8/1998) |
| 600-14                           | 600-14, MIL - PSN 01                                                          | Military Compound | Deleted From NPL (7/8/1998) |
| 600-15                           | 600-15, MIL - PSN 04                                                          | Military Compound | Deleted From NPL (7/8/1998) |
| 600-16                           | 600-16, MIL - PSN 07/10, PSN 10, H-07-H, Base Camp 500                        | Military Compound | Deleted From NPL (7/8/1998) |
| 600-17                           | 600-17, MIL - PSN 12/14 Site and Military Dump, Tent Camp 505, PSN 12, H-14   | Military Compound | Deleted From NPL (7/8/1998) |
| 600-18                           | 600-18, MIL - PSN 72/82, PSN 72, H-82, Tent Camp 515                          | Military Compound | Deleted From NPL (7/8/1998) |
| 600-19                           | 600-19, MIL - PSN 90, H-90, Base Camp 410                                     | Military Compound | Deleted From NPL (7/8/1998) |
| 600-72                           | 600-72, Wahluke Slope H-12-R Debris Site, H-12R                               | Dumping Area      | Deleted From NPL (7/8/1998) |
| 600-73                           | 600-73, Wahluke Slope Igloo Sites                                             | Military Compound | Deleted From NPL (7/8/1998) |
| 600-74                           | 600-74, Wahluke Slope PSN 12/14 Military Construction Dump, Motor Pool Dump   | Military Compound | Deleted From NPL (7/8/1998) |
| 600-75                           | 600-75, Wahluke Slope PSN 80 Debris Site                                      | Dumping Area      | Deleted From NPL (7/8/1998) |
| 600-76                           | 600-76, Wahluke Slope "Radar" Site, Underground Rooms                         | Military Compound | Deleted From NPL (7/8/1998) |
| 600-77                           | 600-77, Wahluke Slope Shrapnel Sites, Antiaircraft Gun Shrapnel Sites 1, 2, 3 | Military Compound | Deleted From NPL (7/8/1998) |
| 600-78                           | 600-78, Power Pole 12-3 Cistern, 12-3 Cistern                                 | Catch Tank        | Deleted From NPL (7/8/1998) |
| 600-79                           | 600-79, Wahluke Slope Clay Pit Cistern                                        | Catch Tank        | Deleted From NPL (7/8/1998) |
| 600-80                           | 600-80, Wahluke Slope Cow Camp Cistern                                        | Catch Tank        | Deleted From NPL (7/8/1998) |
| 600-81                           | 600-81, Wahluke Slope Homestead Cistern                                       | Settling Tank     | Deleted From NPL (7/8/1998) |

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## Appendix C

Listing by Operable Unit. (Sheet 23 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                      | Unit Type                    | Status                      |
|----------------------------------|-----------------------------------------------------------------------------------|------------------------------|-----------------------------|
| <b>100-IU-3</b>                  | (continued)                                                                       |                              |                             |
| 600-82                           | 600-82, Wahluke Slope Overlook Cistern                                            | Catch Tank                   | Deleted From NPL (7/8/1998) |
| 600-83                           | 600-83, Wahluke Slope Stock Tank Cistern                                          | Catch Tank                   | Deleted From NPL (7/8/1998) |
| 600-84                           | 600-84, Wahluke Slope Wagon Road Cistern                                          | Catch Tank                   | Deleted From NPL (7/8/1998) |
| 600-85                           | 600-85, Wahluke Slope Stove Cistern                                               | Catch Tank                   | Deleted From NPL (7/8/1998) |
| 600-86                           | 600-86, Wahluke Slope Wasteway Cistern                                            | Catch Tank                   | Deleted From NPL (7/8/1998) |
| 600-87                           | 600-87, Wahluke Slope Dune Homestead                                              | Dumping Area                 | Deleted From NPL (7/8/1998) |
| 600-88                           | 600-88, Wahluke Slope Lonetree Homestead                                          | Dumping Area                 | Deleted From NPL (7/8/1998) |
| 600-89                           | 600-89, Wahluke Slope Asphalt Batch Plant                                         | Dumping Area                 | Deleted From NPL (7/8/1998) |
| 600-90                           | 600-90, Wahluke Slope Coyote Bait Can/Bait Station                                | Dumping Area                 | Deleted From NPL (7/8/1998) |
| 600-91                           | 600-91, Wahluke Slope Gravel Pit #47                                              | Depression/Pit (nonspecific) | Deleted From NPL (7/8/1998) |
| 600-92                           | 600-92, Wahluke Slope Gravel Pit #56, Borrow Pit #56                              | Depression/Pit (nonspecific) | Deleted From NPL (7/8/1998) |
| 600-93                           | 600-93, Hanford Firing Range                                                      | Dumping Area                 | Deleted From NPL (7/8/1998) |
| 600-94                           | 600-94, Wahluke Schoolhouse                                                       | Foundation                   | Deleted From NPL (7/8/1998) |
| 600-95                           | 600-95, Wahluke Slope Bridge Disposal Area, Bridge Overlook Site                  | Dumping Area                 | Deleted From NPL (7/8/1998) |
| 600-104                          | 600-104, USBR, USBR 2,4-D Burial Site, USBR-2.4-D                                 | Burial Ground                | Deleted From NPL (7/8/1998) |
| <b>100-IU-4</b>                  | <b>Ecology</b>                                                                    | <b>CPP</b>                   |                             |
| 600-105                          | 600-105, SDBDL, Sodium Dichromate Barrel Disposal Landfill                        | Burial Ground                | Closed Out (2/12/1996)      |
| <b>100-IU-5</b>                  | <b>Ecology</b>                                                                    | <b>CPP</b>                   |                             |
| 600-106                          | 600-106, WBPAC, White Bluffs Pickling Acid Cribs, White Bluff Pickling Acid Cribs | Crib                         | Closed Out (2/12/1996)      |
| <b>100-IU-6</b>                  | <b>EPA</b>                                                                        | <b>CPP</b>                   |                             |

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Listing by Operable Unit. (Sheet 24 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                                | Unit Type         | Status                                                                                                  |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------------------------|
| 100-IU-6                         | (continued)                                                                                                                 |                   |                                                                                                         |
| 600-3                            | 600-3, Hanford Townsite Excess Material Storage Yard/Paint Pit                                                              | Dumping Area      |                                                                                                         |
| 600-107                          | 600-107, 213-J&K Cribs, Gable Mountain Plutonium Storage Vault Cribs, 213-J & K Cribs                                       | Crib              |                                                                                                         |
| 600-108*                         | 600-108, 213-J&K Vaults, 213-J&K Storage Facility (SF), 213-J & K Magazine Waste Storage Cavern, 213-J & K Storage Facility | Storage           |                                                                                                         |
| 600-109                          | 600-109, HTCL, Hanford Trailer Camp Landfill                                                                                | Sanitary Landfill |                                                                                                         |
| 600-110                          | 600-110, HTL, Hanford Townsite Landfill                                                                                     | Sanitary Landfill |                                                                                                         |
| 600-111                          | 600-111, P-11 Critical Mass Laboratory Crib, 116-F-6                                                                        | Crib              |                                                                                                         |
| 600-149                          | 600-149, Small Arms Range, Rifle and Pistol Range, 661 Complex, 600-54                                                      | Military Compound |                                                                                                         |
| 600-202                          | 600-202, Hanford Townsite Four Burn and Burial Pits                                                                         | Burn Pit          |                                                                                                         |
| 600-204                          | 600-204, Hanford Townsite Burn and Burial Trench                                                                            | Burn Pit          |                                                                                                         |
| 600-205                          | 600-205, Hanford Townsite Landfill 2                                                                                        | Dumping Area      |                                                                                                         |
| 600-208                          | 600-208, Hanford Construction Camp Boiler House Ponds                                                                       | Pond              |                                                                                                         |
| UPR-600-16                       | UPR-600-16, P-11 Fire and Contamination Spread, UN-600-16, UN-616-16                                                        | Unplanned Release |                                                                                                         |
| 100-KR-1                         | EPA                                                                                                                         | CPP               |                                                                                                         |
| 116-K-1                          | 116-K-1, 100-K Crib, 100-K Pond, 116-K-1 Trench, 107-K Pond, 107-K(E) Sump, 100-K Emergency Pond                            | Crib              | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |

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## Appendix C

Listing by Operable Unit. (Sheet 25 of 81)

**OPERABLE UNIT LEAD REGULATORY AGENCY**

| Waste Unit Name | Waste Unit Aliases                                                                                                           | Unit Type       | Status                                                                                                  |
|-----------------|------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------|
| 100-KR-1        | (continued)                                                                                                                  |                 |                                                                                                         |
| 116-K-2         | 116-K-2, 100-K Mile Long Trench, K Trench, 116-K-2 Trench, 100-K Emergency Trench, 107-K Effluent Trench, Bypass Crib Ditch  | Trench          | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-K-3*        | 116-K-3, 1904-K Outfall Structure, 1908-K Outfall Structure                                                                  | Outfall         |                                                                                                         |
| 116-KE-4        | 116-KE-4, 107-KE Retention Basins, 107-KE                                                                                    | Retention Basin | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-KW-3        | 116-KW-3, 107-KW Retention Basin, 107-KW                                                                                     | Retention Basin | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 100-KR-2        | EPA                                                                                                                          | CPP             |                                                                                                         |
| 100-K-1         | 100-K-1, 119-KW French Drain, 119-KW Exhaust Air Sample Building French Drain, 116-KW-1 Storage Basin French Drain, 100-K-45 | French Drain    | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 100-K-2         | 100-K-2, 118-K-2, 118-K-2 Sludge Burial Ground, Burial Area                                                                  | Burial Ground   |                                                                                                         |
| 100-K-13        | 100-K-13, French Drain West of the 166-KW Oil Storage Tank Facility                                                          | French Drain    |                                                                                                         |
| 100-K-14        | 100-K-14, 183-KE Acid Neutralization Pit and Overflow French Drain                                                           | French Drain    |                                                                                                         |
| 100-K-18        | 100-K-18, 183-KW Caustic Neutralization Pit                                                                                  | Sump            |                                                                                                         |
| 100-K-29        | 100-K-29, 183-KE Sandblasting Site                                                                                           | Dumping Area    |                                                                                                         |
| 100-K-30        | 100-K-30, 183-KE Sulfuric Acid Tank (West Tank)                                                                              | Storage Tank    |                                                                                                         |
| 100-K-31        | 100-K-31, 183-KE Sulfuric Acid Tank (East tank)                                                                              | Storage Tank    |                                                                                                         |
| 100-K-32        | 100-K-32, 183-KW Sulfuric Acid Tank (East tank)                                                                              | Storage Tank    |                                                                                                         |
| 100-K-33        | 100-K-33, 183-KW Sulfuric Acid Tank (West tank)                                                                              | Storage Tank    |                                                                                                         |

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Listing by Operable Unit. (Sheet 26 of 81)

| OPERABLE UNIT   | LEAD REGULATORY AGENCY                                                                                                                            |                           |                                                                                                            |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------|
| Waste Unit Name | Waste Unit Aliases                                                                                                                                | Unit Type                 | Status                                                                                                     |
| 100-KR-2        | (continued)                                                                                                                                       |                           |                                                                                                            |
| 100-K-34        | 100-K-34, 183-KW Acid Neutralization Pit                                                                                                          | Sump                      |                                                                                                            |
| 100-K-35        | 100-K-35, 183-KE Acid Neutralization Pit                                                                                                          | Sump                      |                                                                                                            |
| 100-K-36        | 100-K-36, 1706-KE Chemical Storage Facility<br>Dry Well                                                                                           | French Drain              |                                                                                                            |
| 100-K-42*       | 100-K-42, 100 Area KE Basin, 105-KE Fuel<br>Storage Basin, K East Basin, Irradiated Fissile<br>Material Storage, Metal Storage Basin,<br>100-K-40 | Storage                   |                                                                                                            |
| 100-K-43*       | 100-K-43, KW Basin, 105-KW Fuel Storage<br>Basin, K West Basin, Irradiated Fissile<br>Material Storage                                            | Storage                   |                                                                                                            |
| 100-K-46        | 100-K-46, 119-KE French Drain, Drywell                                                                                                            | French Drain              |                                                                                                            |
| 100-K-48        | 100-K-48, 100-KE Oil Contamination Areas                                                                                                          | Unplanned Release         |                                                                                                            |
| 100-K-49        | 100-K-49, 100-KW Oil Contamination Area                                                                                                           | Unplanned Release         |                                                                                                            |
| 100-K-53        | 100-K-53, 100-KE Glycol Heat Recovery<br>Underground Pipelines                                                                                    | Product Piping            |                                                                                                            |
| 100-K-54        | 100-K-54, 100-KW Glycol Heat Recovery<br>Underground Pipelines                                                                                    | Product Piping            |                                                                                                            |
| 100-K-55        | 100-K-55, 100-KW Reactor Cooling Water<br>Effluent Underground Pipelines                                                                          | Radioactive Process Sewer | Amendment to the Interim Remedial Action Record of<br>Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 100-K-56        | 100-K-56, 100-KE Reactor Cooling Water<br>Effluent Underground Pipelines                                                                          | Radioactive Process Sewer | Amendment to the Interim Remedial Action Record of<br>Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 118-K-1         | 118-K-1, 100-K Burial Ground, 118-K                                                                                                               | Burial Ground             |                                                                                                            |
| 128-K-1         | 128-K-1, 100-K Burning Pit                                                                                                                        | Burn Pit                  |                                                                                                            |
| 128-K-2         | 128-K-2, 100-K Construction Dump                                                                                                                  | Burn Pit                  |                                                                                                            |
| 130-K-2         | 130-K-2, 1717-K Waste Oil Storage Tank                                                                                                            | Storage Tank              |                                                                                                            |
| 116-KE-1        | 116-KE-1, 115-KE Condensate Crib                                                                                                                  | Crib                      | Amendment to the Interim Remedial Action Record of<br>Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |

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Listing by Operable Unit. (Sheet 27 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                                              | Unit Type              | Status                                                                                                  |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------|
| 100-KR-2                         | (continued)                                                                                                                               |                        |                                                                                                         |
| 116-KE-2                         | 116-KE-2, 1706-KER Waste Crib                                                                                                             | Crib                   | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-KE-3                         | 116-KE-3, 105-KE Storage Basin French Drain, 105-KE Fuel Storage Basin Sub-Basin Drainage Disposal System Crib                            | Injection/Reverse Well | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 120-KE-1                         | 120-KE-1, 183-KE Filter Waste Facility Dry Well, 100-KE-1, 183-KE Filter Water Facility, 183-KE Acid Neutralization Pit, 100-K-26         | Sump                   |                                                                                                         |
| 120-KE-2                         | 120-KE-2, 183-KE Filter Waste Facility French Drain, 100-KE-2, 183 KE Filter Water Facility                                               | French Drain           |                                                                                                         |
| 120-KE-3                         | 120-KE-3, 100-KE-3, 183-KE Filter Water Facility Trench                                                                                   | Trench                 |                                                                                                         |
| 120-KE-6                         | 120-KE-6, 183-KE Sodium Dichromate Tank                                                                                                   | Foundation             |                                                                                                         |
| 130-KE-1                         | 130-KE-1, 105-KE Emergency Diesel Oil Storage Tank, 105-KE Emergency Diesel Fuel Tank                                                     | Storage Tank           |                                                                                                         |
| 116-KW-1                         | 116-KW-1, 115-KW Condensate Crib                                                                                                          | Crib                   | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)                         |
| 116-KW-2                         | 116-KW-2, 105-KW Storage Basin French Drain, 105-KW Basin Reverse Well, 105-KW Fuel Storage Basin Sub-Basin Drainage Disposal System Crib | Injection/Reverse Well | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 120-KW-1                         | 120-KW-1, 183-KW Filter Water Facility Dry Well, 100-KW-1, 183-KW Acid Neutralization Pit, 100-K-17                                       | Sump                   |                                                                                                         |
| 120-KW-2                         | 120-KW-2, 183-KW Filter Water Facility French Drain, 100-KW-2                                                                             | French Drain           |                                                                                                         |
| 120-KW-5                         | 120-KW-5, 183-KW Sodium Dichromate Storage Tank                                                                                           | Foundation             |                                                                                                         |

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Listing by Operable Unit. (Sheet 28 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                             | Unit Type         | Status |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------|--------|
| <b>100-KR-2</b>                  | (continued)                                                                                                              |                   |        |
| 130-KW-1                         | 130-KW-1, 105-KW Emergency Diesel Oil Storage Tank, 105-KW Emergency Diesel Fuel Tank                                    | Storage Tank      |        |
| 600-29                           | 600-29, 100-K Construction Lay-down Area, 100-K-41                                                                       | Dumping Area      |        |
| UPR-100-K-1                      | UPR-100-K-1, 100-KE Fuel Storage Basin leak, UN-100-K-1                                                                  | Unplanned Release |        |
| <b>100-NR-1</b>                  | <b>Ecology</b>                                                                                                           | <b>RPP</b>        |        |
| 100-N-1                          | 100-N-1, HGP Settling Pond                                                                                               | Pond              |        |
| 100-N-3*                         | 100-N-3, Maintenance Garage French Drain, Maintenance Garage Waste Water Treatment Unit                                  | French Drain      |        |
| 100-N-4*                         | 100-N-4, HGP Tile Field                                                                                                  | Drain/Tile Field  |        |
| 100-N-5                          | 100-N-5, HGP Disposal and Storage Area, HGP Bone Yard                                                                    | Storage           |        |
| 100-N-41                         | 100-N-41, 1701-NE Septic Tank                                                                                            | Septic Tank       |        |
| 100-N-45                         | 100-N-45, 1703-N Septic Tank                                                                                             | Septic Tank       |        |
| 100-N-46                         | 100-N-46, HGP Diesel Oil Storage Tank                                                                                    | Storage Tank      |        |
| 116-N-1**                        | 116-N-1, 1301-N Liquid Waste Disposal Facility, 1301-N Crib and Trench                                                   | Crib              |        |
| 116-N-2                          | 116-N-2, 1310-N Chemical Waste Storage Tank, The Golf Ball, 1310-N Waste Storage Area                                    | Storage Tank      |        |
| 116-N-3**                        | 116-N-3, 1325-N Liquid Waste Disposal Facility, 1325-N Crib and Trench                                                   | Crib              |        |
| 116-N-4                          | 116-N-4, 1300-N Emergency Dump Basin                                                                                     | Retention Basin   |        |
| 118-N-1                          | 118-N-1, 100-N Area Silos, 100-N Area Spacer Silos, 118-N, 1303-N Spacer Silos, 1303-N Radioactive Dummy Burial Facility | Silo              |        |
| 120-N-1**                        | 120-N-1, 1324-NA Percolation Pond                                                                                        | Pond              |        |

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Listing by Operable Unit. (Sheet 29 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                    | Unit Type           | Status |
|----------------------------------|-----------------------------------------------------------------|---------------------|--------|
| 100-NR-1                         | (continued)                                                     |                     |        |
| 120-N-2**                        | 120-N-2, 1324-N Surface Impoundment                             | Surface Impoundment |        |
| 120-N-3                          | 120-N-3, 163-N Neutralization Pit and French Drain              | French Drain        |        |
| 120-N-5                          | 120-N-5, 108-N/163-N Transfer Line And Neutralization Pit       | Sump                |        |
| 120-N-6                          | 120-N-6, 108-N Acid Tank Vent French Drains                     | French Drain        |        |
| 120-N-7                          | 120-N-7, 100-N Acid Unloading Facility French Drain             | French Drain        |        |
| 120-N-8                          | 120-N-8, 163-N Sulfuric Acid Tank Vent French Drain             | French Drain        |        |
| 124-N-1*                         | 124-N-1, 124-N-1 Septic Tank, 100-N Sanitary Sewer System No. 1 | Septic Tank         |        |
| 124-N-2                          | 124-N-2, 124-N-2 Septic Tank, 100-N Sanitary Sewer System No. 2 | Septic Tank         |        |
| 124-N-3                          | 124-N-3, 124-N-3 Septic Tank, 100-N Sanitary Sewer System No. 3 | Septic Tank         |        |
| 124-N-4                          | 124-N-4, 100-N Sanitary Sewer System No. 4, 124-N-4 Septic Tank | Septic Tank         |        |
| 124-N-5                          | 124-N-5, 100-N Sanitary Sewer System No. 5, 124-N-5 Septic Tank | Septic Tank         |        |
| 124-N-6                          | 124-N-6, 100-N Sanitary Sewer System No. 6, 124-N-7 Septic Tank | Septic Tank         |        |
| 124-N-7                          | 124-N-7, 100-N Sanitary Sewer System No. 7, 124-N-7 Septic Tank | Septic Tank         |        |
| 124-N-8                          | 124-N-8, 100-N Sanitary Sewer System No. 8, 124-N-8 Septic Tank | Septic Tank         |        |
| 124-N-9*                         | 124-N-9, 124-N-9 Septic Tank, 100-N Sanitary Sewer System No. 9 | Septic Tank         |        |

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## Appendix C

Listing by Operable Unit. (Sheet 30 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                                                       | Unit Type               | Status |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------|
| 100-NR-1<br>124-N-10*            | (continued)<br>124-N-10, 124-N-10-Sanitary Sewer System,<br>100-N Central Sewer System No. 10, Project<br>H-677                                    | Sewage Lagoon           |        |
| 128-N-1                          | 128-N-1, 100-N Burning Pit, 128-N-1 Burning<br>Pit                                                                                                 | Burn Pit                |        |
| 130-N-1*                         | 130-N-1, 183-N Backwash Discharge Pond,<br>126-N-1, 183-N Filter Backwash Pond,                                                                    | Pond                    |        |
| 1908-NE<br>600-32                | 1908-NE, HGP Outfall, 1908-NE Building<br>600-32, N Area Landfill                                                                                  | Outfall<br>Dumping Area |        |
| UPR-100-N-1                      | UPR-100-N-1, 100-N 1304-N Dump Tank,<br>UN-100-N-1, Emergency Dump Tank Inlet<br>Valve Box Leak                                                    | Unplanned Release       |        |
| UPR-100-N-2                      | UPR-100-N-2, 100-N FLV-858 Valve Leak,<br>UN-100-N-2                                                                                               | Unplanned Release       |        |
| UPR-100-N-3                      | UPR-100-N-3, Dummy Fuel Transfer Line,<br>UN-100-N-3, Spacer Disposal System<br>Transport Line Leak, UN-116-N-3                                    | Unplanned Release       |        |
| UPR-100-N-4                      | UPR-100-N-4, 1322-A Sump Overflow,<br>UN-100-N-4                                                                                                   | Unplanned Release       |        |
| UPR-100-N-5                      | UPR-100-N-5, 1310-N Chemical Waste Storage<br>Tank Leak, UN-100-N-5, 116-N-2 Radioactive<br>Chemical Waste Treatment Storage Facility              | Unplanned Release       |        |
| UPR-100-N-6                      | UPR-100-N-6, 1 1/2 Inch Chemical Decontam.<br>Waste Drain Line Leaks, UN-100-N-6,<br>UN-116-N-6, Chemical Decontamination Waste<br>Drain Line Leak | Unplanned Release       |        |
| UPR-100-N-7                      | UPR-100-N-7, Ten-inch Radioactive Drain<br>Return Line Leak, UN-116-N-7, UN-100-N-7                                                                | Unplanned Release       |        |
| UPR-100-N-8                      | UPR-100-N-8, 1322-A Sump Overflow,<br>UN-100-N-8                                                                                                   | Unplanned Release       |        |

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Listing by Operable Unit. (Sheet 31 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                           | Unit Type         | Status |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------|--------|
| <b>100-NR-1</b>                  | (continued)                                                                                                            |                   |        |
| UPR-100-N-9                      | UPR-100-N-9, 119-N Cooling Water Drain Line Leak, UN-100-N-9                                                           | Unplanned Release |        |
| UPR-100-N-10                     | UPR-100-N-10, 100-N Area 105-N Check Valve, UN-100-N-10, Lift Station Gravity Drain Line Leak                          | Unplanned Release |        |
| UPR-100-N-11                     | UPR-100-N-11, Five Hundred Pound Valve Bonnet Contamination in Uncontrolled Area, 100-N Area Valve Bonnet, UN-100-N-11 | Unplanned Release |        |
| UPR-100-N-12                     | UPR-100-N-12, Spacer Transport Line Leak, UN-100-N-12                                                                  | Unplanned Release |        |
| UPR-100-N-13                     | UPR-100-N-13, 1314-N Loading Station, 1314-N Drywell Overflow, UN-100-N-13                                             | Unplanned Release |        |
| UPR-100-N-14                     | UPR-100-N-14, 119-N Drain System Leak, UN-100-N-14                                                                     | Unplanned Release |        |
| UPR-100-N-15                     | UPR-100-N-15, 108-N Neutralization Sump Spill, UN-116-N-15, UN-100-N-15                                                | Unplanned Release |        |
| UPR-100-N-17                     | UPR-100-N-17, 166-N Diesel Oil Supply Line Leak, UN-100-N-17                                                           | Unplanned Release |        |
| UPR-100-N-18                     | UPR-100-N-18, 166-N Four-inch Diesel Oil Supply Line to 184-N Leak, UN-100-N-18                                        | Unplanned Release |        |
| UPR-100-N-19                     | UPR-100-N-19, 184-N Day Tank Fuel Oil Spill, UN-116-N-19, UN-100-N-19                                                  | Unplanned Release |        |
| UPR-100-N-20                     | UPR-100-N-20, 166-N Two-inch Diesel Oil Return Line Leak, UN-116-N-20, UN-100-N-20                                     | Unplanned Release |        |
| UPR-100-N-21                     | UPR-100-N-21, 184-N Diesel Oil Day Tank Overflow, UN-116-N-21, UN-100-N-21                                             | Unplanned Release |        |
| UPR-100-N-22                     | UPR-100-N-22, 184-N Diesel Oil Supply Line Leak No. 1, UN-100-N-22, UN-116-N-22                                        | Unplanned Release |        |

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Listing by Operable Unit. (Sheet 32 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                                 | Unit Type         | Status |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------|--------|
| 100-NR-1                         | (continued)                                                                                                                  |                   |        |
| UPR-100-N-23                     | UPR-100-N-23, 184-N Diesel Oil Supply Line Leak No. 2, UN-100-N-23, UN-116-N-23                                              | Unplanned Release |        |
| UPR-100-N-24                     | UPR-100-N-24, 166-N Fuel Oil Supply Line Leak, UN-116-N-24, UN-100-N-24                                                      | Unplanned Release |        |
| UPR-100-N-25                     | UPR-100-N-25, Uncontrolled Venting of 1310-N Tank, UN-100-N-25                                                               | Unplanned Release |        |
| UPR-100-N-26                     | UPR-100-N-26, Backflow of Radioactive Waste in 1314-N Facility, UN-100-N-26                                                  | Unplanned Release |        |
| UPR-100-N-29                     | UPR-100-N-29, 1304-N Dump Tank, Emergency Dump Tank Bypass Line Leak, UN-100-N-29                                            | Unplanned Release |        |
| UPR-100-N-30                     | UPR-100-N-30, 1304-N Dump Tank, Emergency Dump Tank Overflow, UN-100-N-30                                                    | Unplanned Release |        |
| UPR-100-N-31                     | UPR-100-N-31, Radioactive Effluent Water Spill Near 1301-N, UN-100-N-31                                                      | Unplanned Release |        |
| UPR-100-N-32                     | UPR-100-N-32, 1304-N Dump Tank, Emergency Dump Tank Bypass Line Leak, UN-100-N-32                                            | Unplanned Release |        |
| UPR-100-N-33                     | UPR-100-N-33, 108-N Acid Transfer Spill, UN-116-N-33, UN-100-N-33                                                            | Unplanned Release |        |
| UPR-100-N-34                     | UPR-100-N-34, 108-N Tank Transfer, Sulfuric Acid Line Break, UN-100-N-34                                                     | Unplanned Release |        |
| UPR-100-N-35                     | UPR-100-N-35, 100-N Fuel Basin Drainage System Leak, UN-116-N-35, 105-N Fuel Storage Basin Drainage System Leak, UN-100-N-35 | Unplanned Release |        |
| UPR-100-N-37                     | UPR-100-N-37, HGP Transformer Yard                                                                                           | Unplanned Release |        |
| UPR-600-17                       | UPR-600-17, 600 Area Patrol Boat Spill, UN-600-17                                                                            | Unplanned Release |        |

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## Appendix C

Listing by Operable Unit. (Sheet 33 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                               | Unit Type           | Status                                           |
|----------------------------------|--------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------|
| 300-FF-1<br>316-5**              | Ecology<br>316-5, 3904 Process Waste Trenches, 300 Area<br>Process Trenches, 300 APT       | Trench              | Record of Decision, 300-FF-1 and 300-FF-5 (1997) |
| 300-FF-1<br>300 ASH PITS         | EPA<br>300 ASH PITS, 300 Ash Pits, 300 Area Ash<br>Pits                                    | CPP<br>Coal Ash Pit | Closed Out (12/17/1997)                          |
| 300 FBP                          | 300 FBP, 300 Area Filter Backwash Pond                                                     | Surface Impoundment | No Action (2/19/1998)                            |
| 300 RFBP                         | 300 RFBP, 300 Area Retired Filter Backwash<br>Pond, Pond 5, East Bay of South Process Pond | Pond                | Record of Decision, 300-FF-1 and 300-FF-5 (1997) |
| 300-3                            | 300-3, 300-FF-1 Aluminum Hydroxide                                                         | Burial Ground       | No Action (7/9/1997)                             |
| 300-44                           | 300-44, R-32, UPR-300-FF-1, UN-300-FF-1                                                    | Unplanned Release   | Closed Out (12/17/1997)                          |
| 300-49                           | 300-49, Landfill 1a, UPR-300-FF-1, UN-300-FF-1                                             | Dumping Area        | Record of Decision, 300-FF-1 and 300-FF-5 (1997) |
| 300-50                           | 300-50, Landfill 1b, UPR-300-FF-1,<br>UN-300-FF-1                                          | Dumping Area        | Record of Decision, 300-FF-1 and 300-FF-5 (1997) |
| 300-51                           | 300-51, Landfill 1c, UPR-300-FF-1, UN-300-FF-1                                             | Dumping Area        | No Action (7/9/1997)                             |
| 300-52                           | 300-52, 300 Area Sanitary Trenches                                                         | Trench              | No Action (7/9/1997)                             |
| 316-1                            | 316-1, South (old) Pond, 300 Area South<br>Process Pond                                    | Pond                | Record of Decision, 300-FF-1 and 300-FF-5 (1997) |
| 316-2                            | 316-2, North (new) Pond, 300 Area North<br>Process Pond                                    | Pond                | Record of Decision, 300-FF-1 and 300-FF-5 (1997) |
| 618-4                            | 618-4, Burial Ground No. 4, 318-4                                                          | Burial Ground       | Record of Decision, 300-FF-1 and 300-FF-5 (1997) |
| 618-12                           | 618-12, North Process Pond Scraping Disposal<br>Area                                       | Burial Ground       | Record of Decision, 300-FF-1 and 300-FF-5 (1997) |
| 628-4                            | 628-4, Landfill 1D                                                                         | Burn Pit            | Record of Decision, 300-FF-1 and 300-FF-5 (1997) |
| UPR-300-FF-1                     | UPR-300-FF-1, 300-FF-1 Hot Spots, Surface<br>Radiation Survey for 300-FF-1, UN-300-FF-1,   | Unplanned Release   | Record of Decision, 300-FF-1 and 300-FF-5 (1997) |

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## Appendix C

Listing by Operable Unit. (Sheet 34 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                           | Unit Type         | Status                                                                    |
|----------------------------------|------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------|
| <b>300-FF-1</b>                  | (continued)                                                            |                   |                                                                           |
| UPR-300-8                        | UPR-300-8, Caustic Spill from 311 Tank Farm to Process Sewer           | Unplanned Release | Closed Out (5/14/1998)                                                    |
| UPR-300-9                        | UPR-300-9, Nitric Acid Leak from 306-W to the Process Sewer            | Unplanned Release | Closed Out (5/14/1998)                                                    |
| UPR-300-15                       | UPR-300-15, Uranium Bearing Acid Release from 313 to the Process Sewer | Unplanned Release | Closed Out (5/14/1998)                                                    |
| UPR-300-19                       | UPR-300-19, Chemical Release to the Process Sewer                      | Unplanned Release | Closed Out (5/14/1998)                                                    |
| UPR-300-20                       | UPR-300-20, Acid Release to the Process Sewer                          | Unplanned Release | Closed Out (5/14/1998)                                                    |
| UPR-300-21                       | UPR-300-21, Nitric Acid Release to the Process Sewer                   | Unplanned Release | Closed Out (5/14/1998)                                                    |
| UPR-300-22                       | UPR-300-22, Acid Release to the Process Sewer                          | Unplanned Release | Closed Out (5/14/1998)                                                    |
| UPR-300-23                       | UPR-300-23, Acid Release to the Process Sewer                          | Unplanned Release | Closed Out (5/14/1998)                                                    |
| UPR-300-24                       | UPR-300-24, Acid Release to the Process Sewer                          | Unplanned Release | Closed Out (5/14/1998)                                                    |
| UPR-300-25                       | UPR-300-25, Release to the Process Sewer                               | Unplanned Release | Closed Out (5/14/1998)                                                    |
| UPR-300-26                       | UPR-300-26, Caustic Release to the Process Sewer                       | Unplanned Release | Closed Out (5/14/1998)                                                    |
| UPR-300-27                       | UPR-300-27, Acid Release to the Process Sewer                          | Unplanned Release | Closed Out (5/14/1998)                                                    |
| UPR-300-28                       | UPR-300-28, Release to the Process Sewer                               | Unplanned Release | Closed Out (5/14/1998)                                                    |
| UPR-300-29                       | UPR-300-29, Release to the Process Sewer                               | Unplanned Release | Closed Out (5/14/1998)                                                    |
| UPR-300-30                       | UPR-300-30, Acid Release to the Process Sewer                          | Unplanned Release | Closed Out (5/14/1998)                                                    |
| UPR-300-32                       | UPR-300-32                                                             | Unplanned Release | Record of Decision, 300-FF-1 and 300-FF-5 (1997); Proximity Site to 316-1 |

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Listing by Operable Unit. (Sheet 35 of 81)

**OPERABLE UNIT LEAD REGULATORY AGENCY**

| Waste Unit Name      | Waste Unit Aliases                                                                           | Unit Type                    | Status                                                                    |
|----------------------|----------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------|
| 300-FF-1 (continued) |                                                                                              |                              |                                                                           |
| UPR-300-33           | UPR-300-33                                                                                   | Unplanned Release            | Record of Decision, 300-FF-1 and 300-FF-5 (1997); Proximity Site to 316-1 |
| UPR-300-34           | UPR-300-34                                                                                   | Unplanned Release            | Record of Decision, 300-FF-1 and 300-FF-5 (1997); Proximity Site to 316-1 |
| UPR-300-35           | UPR-300-35                                                                                   | Unplanned Release            | Record of Decision, 300-FF-1 and 300-FF-5 (1997); Proximity Site to 316-1 |
| UPR-300-36           | UPR-300-36                                                                                   | Unplanned Release            | Record of Decision, 300-FF-1 and 300-FF-5 (1997); Proximity Site to 316-1 |
| UPR-300-37           | UPR-300-37                                                                                   | Unplanned Release            | Record of Decision, 300-FF-1 and 300-FF-5 (1997); Proximity Site to 316-1 |
| UPR-300-47           | UPR-300-47, 309 Building, Ethylene Glycol Release, Glycol Spill from the 309, Chiller System | Unplanned Release            | Closed Out (5/14/1998)                                                    |
| UPR-600-15           | UPR-600-15, UN-600-15                                                                        | Unplanned Release            | Record of Decision, 300-FF-1 and 300-FF-5 (1997); Proximity Site to 618-4 |
| 300-FF-2             | <b>Ecology</b>                                                                               |                              |                                                                           |
| 303-M UOF**          | 303-M UOF, 303-M Uranium Oxide Facility                                                      | Process Unit/Plant           |                                                                           |
| 300-FF-2             | <b>EPA</b>                                                                                   | <b>CPP</b>                   |                                                                           |
| 300 IFBD             | 300 IFBD, 300 Area Interim Filter Backwash Disposal                                          | Depression/Pit (nonspecific) |                                                                           |
| 300 RLWS*            | 300 RLWS, 300 Area RLWS, 300 Area Radioactive Liquid Waste Sewer                             | Radioactive Process Sewer    |                                                                           |
| 300 RRLWS            | 300 RRLWS, 300 Area Retired RLWS, 300 Area Retired Radioactive Liquid Waste Sewer System     | Radioactive Process Sewer    |                                                                           |
| 300 SSS*             | 300 SSS, 300 Area Sanitary Sewer System                                                      | Sanitary Sewer               |                                                                           |
| 300 VTS              | 300 VTS, 300 Area Vitrification Test Site, In-Situ Vitrification (ISV) Test Site             | Process Unit/Plant           |                                                                           |

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Listing by Operable Unit. (Sheet 36 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                                                           | Unit Type         | Status                  |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| 300-FF-2<br>300-45               | (continued)<br>300-45, Surface Contamination Area, Location 3: Bird Droppings Area (Southwest corner of the 316-5 process Trenches Fence Line). SCA #1 | Unplanned Release | Closed Out (12/17/1997) |
| 307 RB*                          | 307 RB, 307 Retention Basins                                                                                                                           | Retention Basin   |                         |
| 309-TW-1                         | 309-TW-1, 309-TW Tank #1, 309 Holdup Tanks                                                                                                             | Storage Tank      |                         |
| 309-TW-2                         | 309-TW-2, 309-TW Tank #2, 309 Holdup Tanks                                                                                                             | Storage Tank      |                         |
| 309-TW-3                         | 309-TW-3, 309-TW Tank #3, 309 Holdup Tank                                                                                                              | Storage Tank      |                         |
| 315 RSDF                         | 315 RSDF, 315 Retired Sanitary Drain Field                                                                                                             | Drain/Tile Field  |                         |
| 316-3                            | 316-3, 307 Disposal Trenches, Process Water Trenches                                                                                                   | Trench            |                         |
| 316-4                            | 316-4, 321 Cribs, 300 North Cribs, 316-N-1, 616-4, 3-Crib                                                                                              | Crib              |                         |
| 331 LSLDF                        | 331 LSLDF, 331 LSL Drain Field, 331 Life Sciences Laboratory Drainfield                                                                                | Drain/Tile Field  |                         |
| 331 LSLT1                        | 331 LSLT1, 331 LSL Trench 1, 331 Life Sciences Laboratory Trench #1                                                                                    | Trench            |                         |
| 331 LSLT2                        | 331 LSLT2, 331 LSL Trench 2, 331 Life Sciences Laboratory Trench #2                                                                                    | Trench            |                         |
| 335 & 336 RSDF                   | 335 & 336 RSDF, 335 & 336 Retired Sanitary Drain Field                                                                                                 | Drain/Tile Field  |                         |
| 400 FD1A*                        | 400 FD1A, 400 Area French Drain 1A, French Drain Number 1A, French Drain 1-A                                                                           | French Drain      |                         |
| 400 FD1B*                        | 400 FD1B, 400 Area French Drain 1B, French Drain Number 1B, French Drain 1-B                                                                           | French Drain      |                         |
| 400 FD2*                         | 400 FD2, 400 Area French Drain 2, French Drain Number 2, French Drain 2                                                                                | French Drain      |                         |

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Listing by Operable Unit. (Sheet 37 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                                                                                                    | Unit Type    | Status |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------|
| 300-FF-2                         | (continued)                                                                                                                                                                                     |              |        |
| 400 FD3*                         | 400 FD3, 400 Area French Drain 3, French Drain Number 3, French Drain 3                                                                                                                         | French Drain |        |
| 400 FD4*                         | 400 FD4, 400 Area French Drain 4, French Drain Number 4, French Drain 4                                                                                                                         | French Drain |        |
| 400 FD5*                         | 400 FD5, 400 Area French Drain 5, French Drain Number 5, French Drain 5                                                                                                                         | French Drain |        |
| 400 FD6*                         | 400 FD6, 400 Area French Drain 6, French Drain Number 6, French Drain 6                                                                                                                         | French Drain |        |
| 400 FD7*                         | 400 FD7, 400 Area French Drain 7, French Drain Number 7, French Drain 7                                                                                                                         | French Drain |        |
| 400 FD8*                         | 400 FD8, 400 Area French Drain 8, French Drain Number 8, French Drain 8                                                                                                                         | French Drain |        |
| 400 FD9*                         | 400 FD9, 400 Area French Drain 9, French Drain Number 9, French Drain 9                                                                                                                         | French Drain |        |
| 400 FD10*                        | 400 FD10, 400 Area French Drain 10, French Drain Number 10, French Drain 10                                                                                                                     | French Drain |        |
| 400 FD10A*                       | 400 FD10A, 400 Area French Drain 10A, French Drain Number 10A, French Drain 10A                                                                                                                 | French Drain |        |
| 400 PPSS*                        | 400 PPSS, 400 Area Process Pond and Sewer System, 4904 Process sewer system, 4904 Process Sewer Main, 4608 Percolation, Pond, 4608B Control Structure and Process Sewer Sampling Site, 400 PPSS | Pond         |        |
| 400 RFD                          | 400 RFD, 400 Area Retired French Drains                                                                                                                                                         | French Drain |        |
| 400 RSP                          | 400 RSP, 400 Area Retired Sanitary Pond                                                                                                                                                         | Pond         |        |
| 400 RST                          | 400 RST, 400 Area Retired Septic Tanks                                                                                                                                                          | Septic Tank  |        |
| 400 SBT                          | 400 SBT, 400 Area Sand Bottom Trench, 400 Area Retired Sand Bottom Trench, Cooling Tower Overflow Trench                                                                                        | Trench       |        |
| 400 SS*                          | 400 SS, 400 Area Sanitary Sewer, 4608 Sanitary Sewer, 4608 SS                                                                                                                                   | Septic Tank  |        |

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Listing by Operable Unit. (Sheet 38 of 81)

| OPERABLE UNIT   | LEAD REGULATORY AGENCY                                                                                                                       |                       |        |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------|
| Waste Unit Name | Waste Unit Aliases                                                                                                                           | Unit Type             | Status |
| 300-FF-2        | (continued)                                                                                                                                  |                       |        |
| 400 STF*        | 400 STF, 400 Area Sanitary Tile Field, 4608 Sanitary Tile Field, 4608 STF                                                                    | Drain/Tile Field      |        |
| 403 FD*         | 403 FD, Discharge point from the 403 Building, 403 French Drain, 400 Area French Drain Discharge from 403, 400 Area Drain Discharge from 403 | Drain/Tile Field      |        |
| 4713-B FD*      | 4713-B FD, 4713-B French Drain                                                                                                               | French Drain          |        |
| 4721 FD*        | 4721 FD, 4721 French Drain, 400 Area French Drain Discharge from 4721 Building, Miscellaneous Stream #28                                     | French Drain          |        |
| 4722-B FD*      | 4722-B FD, 4722-B French Drain                                                                                                               | French Drain          |        |
| 4722-C FD*      | 4722-C FD, 4722-C French Drain, French Drain South of 4722-C                                                                                 | French Drain          |        |
| 4831 LHWSA      | 4831 LHWSA, 4831 Laydown HWSA, 4831 Laydown Hazardous Waste Storage Area, 4831 Flammable Storage Facility                                    | Storage Pad (<90 day) |        |
| 618-1           | 618-1, Solid Waste Burial Ground No. 1, 318-1                                                                                                | Burial Ground         |        |
| 618-2           | 618-2, Solid Waste Burial Ground No. 2, 318-2                                                                                                | Burial Ground         |        |
| 618-3           | 618-3, Solid Waste Burial Ground No. 3, 318-3, Burial Ground #3, Dry Waste Burial Ground No. 3                                               | Burial Ground         |        |
| 618-5           | 618-5, Burial Ground No. 5, Regulated Burning Ground, 318-5                                                                                  | Burial Ground         |        |
| 618-6           | 618-6, Solid Waste Burial Ground #6                                                                                                          | Burial Ground         |        |
| 618-7           | 618-7, Solid Waste Burial Ground No. 7, Burial Ground #7, 318-7                                                                              | Burial Ground         |        |
| 618-8           | 618-8, Solid Waste Burial Ground No. 8, 318-8, Early Solid Waste Burial Ground                                                               | Burial Ground         |        |

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Listing by Operable Unit. (Sheet 39 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                  | Unit Type         | Status |
|----------------------------------|-------------------------------------------------------------------------------|-------------------|--------|
| <b>300-FF-2</b>                  | (continued)                                                                   |                   |        |
| 618-9                            | 618-9, 300 West Burial Ground, 318-9, Dry Waste Burial Site No. 9             | Burial Ground     |        |
| 618-10                           | 618-10, 300 North Solid Waste Burial Ground, 318-10                           | Burial Ground     |        |
| 618-11                           | 618-11, Y Burial Ground, 318-11, 300 Wye Burial Ground                        | Burial Ground     |        |
| 618-13                           | 618-13, 318-13, 303 Building Contaminated Soil Burial Site                    | Burial Ground     |        |
| JA JONES 1                       | JA JONES 1, JA Jones 1, JA Jones Dumping Pit #1, JA Jones Construction Pit #1 | Dumping Area      |        |
| UPR-300-1                        | UPR-300-1, 316-1, 316-1A, 307-340 Waste Line Leak, UN-300-1                   | Unplanned Release |        |
| UPR-300-2                        | UPR-300-2, UN-300-2                                                           | Unplanned Release |        |
| UPR-300-4                        | UPR-300-4, UN-300-4                                                           | Unplanned Release |        |
| UPR-300-5                        | UPR-300-5, UN-300-5                                                           | Unplanned Release |        |
| UPR-300-7                        | UPR-300-7, UN-300-7, Oil Spill at 384 Building                                | Unplanned Release |        |
| UPR-300-10                       | UPR-300-10, UN-300-10                                                         | Unplanned Release |        |
| UPR-300-11                       | UPR-300-11, UN-300-11                                                         | Unplanned Release |        |
| UPR-300-12                       | UPR-300-12, UN-300-12                                                         | Unplanned Release |        |
| UPR-300-13                       | UPR-300-13, UN-300-13                                                         | Unplanned Release |        |
| UPR-300-14                       | UPR-300-14, UN-300-14                                                         | Unplanned Release |        |
| UPR-300-17                       | UPR-300-17, UN-300-17                                                         | Unplanned Release |        |
| UPR-300-18                       | UPR-300-18, UN-300-18                                                         | Unplanned Release |        |
| UPR-300-39                       | UPR-300-39, UN-300-39                                                         | Unplanned Release |        |
| UPR-300-40                       | UPR-300-40, UN-300-40, UPR-300-31, UN-300-31                                  | Unplanned Release |        |

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Listing by Operable Unit. (Sheet 40 of 81)

| OPERABLE UNIT   | LEAD REGULATORY AGENCY                                                        |                                                                                                                                                     |                   |
|-----------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Waste Unit Name | Waste Unit Aliases                                                            | Unit Type                                                                                                                                           | Status            |
| <b>300-FF-2</b> | <i>(continued)</i>                                                            |                                                                                                                                                     |                   |
| UPR-300-41      | UPR-300-41, 300 Area #340 Building<br>Phosphoric Acid Spill, UN-300-41        | Unplanned Release                                                                                                                                   |                   |
| UPR-300-42      | UPR-300-42, 300 Area Powerhouse Fuel Oil<br>Spill, UN-300-42                  | Unplanned Release                                                                                                                                   |                   |
| UPR-300-43      | UPR-300-43, 300 Area Solvent Refined Coal<br>Spill, UN-300-43                 | Unplanned Release                                                                                                                                   |                   |
| UPR-300-44      | UPR-300-44, 313 Building, Uranium Bearing<br>Waste Acid-Etch Spill, UN-300-44 | Unplanned Release                                                                                                                                   |                   |
| UPR-300-45      | UPR-300-45, 303-F Building Uranium-Bearing<br>Acid Spill, UN-300-45           | Unplanned Release                                                                                                                                   |                   |
| UPR-400-1       | UPR-400-1, 400 Area Coolant Spill, UN-400-1                                   | Unplanned Release                                                                                                                                   |                   |
| C-40            | <b>200-CS-1</b>                                                               | <b>Ecology</b>                                                                                                                                      | <b>RPP</b>        |
|                 | 216-A-29**                                                                    | 216-A-29, Snow's Canyon, PUREX Chemical<br>Sewer (CSL)                                                                                              | Ditch             |
|                 | 216-B-63**                                                                    | 216-B-63, B Plant Chemical Sewer, 216-B-63<br>Trench                                                                                                | Ditch             |
|                 | 216-S-10D**                                                                   | 216-S-10D, 216-S-10D Ditch, 202 Chemical<br>Sump #1 and Ditch, Chemical Sewer Trench,<br>Open Ditch to the Chemical Sewer Trench,<br>216-S-10 Ditch | Ditch             |
|                 | 216-S-10P**                                                                   | 216-S-10P, 216-S-10P Pond, 202-S Chemical<br>Sump #1 and Ditch, Chemical Sewer Trench                                                               | Pond              |
|                 | 216-S-11                                                                      | 216-S-11, 202-S Chemical Sump #2 and<br>Chemical Sewer Trench, 216-S-11 Swamp                                                                       | Pond              |
|                 | 216-W-LWC                                                                     | 216-W-LWC, 216-W-LC, Laundry Waste Crib,<br>216-W-LWC Crib, 216-W-1                                                                                 | Crib              |
|                 | UPR-200-W-34                                                                  | UPR-200-W-34, Overflow at 216-S-10 Ditch,<br>UN-200-W-34                                                                                            | Unplanned Release |

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Listing by Operable Unit. (Sheet 41 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                       | Unit Type       | Status |
|----------------------------------|----------------------------------------------------------------------------------------------------|-----------------|--------|
| 200-CW-1                         | Ecology                                                                                            | RPP             |        |
| 216-A-9                          | 216-A-9                                                                                            | Crib            |        |
| 216-A-25                         | 216-A-25, Gable Mountain Swamp, 216-A-25 Swamp, Gable Mountain Pond                                | Pond            |        |
| 216-A-40                         | 216-A-40, 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, 207-A 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                                                | 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**                        | 216-B-3, B Pond, B-3 Pond, B Swamp, 216-B-3 Swamp, B Plant Swamp                                   | Pond            |        |
| 216-B-3-1                        | 216-B-3-1, B Swamp Ditch, 216-B-2, 216-B-3 Ditch                                                   | 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-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-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 |        |

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Listing by Operable Unit. (Sheet 42 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                                         | Unit Type         | Status |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------|
| 200-CW-1                         | (continued)                                                                                                                          |                   |        |
| 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              |        |
| 200-E PD*                        | 200-E PD 200-E Powerhouse Ditch, 200 East Powerhouse Pond                                                                            | Ditch             |        |
| 216-E-28                         | 216-E-28, 216-E-25, 200 East Area Contingency Pond                                                                                   | Pond              |        |
| 216-N-8                          | 216-N-8, West Lake, West Pond, 216-N-8 Pond, Honeyhill Pond, Seepage Pond                                                            | Pond              |        |
| UPR-200-E-14                     | UPR-200-E-14, UN-200-E-14, 216-B-3 Pond Dike Break                                                                                   | Unplanned Release |        |
| UPR-200-E-32                     | UPR-200-E-32, UN-200-E-32, Coil Leak from 221-B                                                                                      | Unplanned Release |        |
| UPR-200-E-34                     | UPR-200-E-34, Liquid Release to B-Pond and Gable Pond, UN-200-E-34                                                                   | Unplanned Release |        |
| UPR-200-E-51                     | UPR-200-E-51, Liquid Release from Purex to B-Pond, UN-200-E-51                                                                       | 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-94                     | UPR-200-E-94, Vehicle Decontamination Area, UN-216-E-22, UN-200-E-94                                                                 | Unplanned Release |        |
| UPR-200-E-138                    | UPR-200-E-138, Liquid release from B-Plant, UN-200-E-138, UPR-200-W-66, UN-216-W-66                                                  | Unplanned Release |        |
| 200-CW-2                         | EPA                                                                                                                                  | CPP               |        |
| 207-S                            | 207-S, REDOX Retention Basin, 207-S Retention Basin                                                                                  | Retention Basin   |        |
| 216-S-16D                        | 216-S-16D, 202-S Swamp (New) and Ditch, 202-S Swamp #1, REDOX Pond #2, 216-S-24 Ditch                                                | Ditch             |        |

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Listing by Operable Unit. (Sheet 43 of 81)

| OPERABLE UNIT   | LEAD REGULATORY AGENCY                                                                            |                   |        |
|-----------------|---------------------------------------------------------------------------------------------------|-------------------|--------|
| Waste Unit Name | Waste Unit Aliases                                                                                | Unit Type         | Status |
| 200-CW-2        | (continued)                                                                                       |                   |        |
| 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-S-172       | 216-S-172, 216-S-172 Weir Box and Control Structure, 2904-S-172 Weir, 216-S-172 Control Structure | Control Structure |        |
| 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                                     | Control Structure |        |
| UPR-200-W-13    | UPR-200-W-13, Liquid Release from REDOX to 207-S and Swamp, UN-200-W-13                           | Unplanned Release |        |
| UPR-200-W-15    | UPR-200-W-15, Liquid Release from REDOX to the 207-S and Swamp, UN-200-W-15                       | Unplanned Release |        |
| UPR-200-W-47    | UPR-200-W-47, 216-S-16P Dike Release, UN-200-W-47                                                 | Unplanned Release |        |
| UPR-200-W-59    | UPR-200-W-59, Contaminated Liquid Released to 216-S-16P                                           | Unplanned Release |        |
| UPR-200-W-95    | UPR-200-W-95, UN-216-W-2, 216-S-207 Redox Retention Basin                                         | Unplanned Release |        |
| 200-CW-3        | EPA                                                                                               | CPP               |        |
| 216-N-1         | 216-N-1, 212-N Swamp, 216-N-1 Swamp, 216-N-1 Covered Pond                                         | Pond              |        |
| 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            |        |

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Listing by Operable Unit. (Sheet 44 of 81)

| OPERABLE UNIT   | LEAD REGULATORY AGENCY                                                                                |                 |        |
|-----------------|-------------------------------------------------------------------------------------------------------|-----------------|--------|
| Waste Unit Name | Waste Unit Aliases                                                                                    | Unit Type       | Status |
| 200-CW-3        | (continued)                                                                                           |                 |        |
| 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          |        |
| 216-N-4         | 216-N-4, 216-N-2, 216-N-4 Swamp, 212-P Swamp                                                          | Pond            |        |
| 216-N-5         | 216-N-5, 212-P Storage Basin Crib, 212-P Trench, 212-P Grave, 216-N-5 Trench                          | Trench          |        |
| 216-N-6         | 216-N-6, 212-R Swamp, 216-N-6 Swamp                                                                   | Pond            |        |
| 216-N-7         | 216-N-7, 212-R Storage Basin Crib, 212-R Trench, 212-R Grave, 216-N-7 Trench                          | Trench          |        |
| 200-CW-4        | EPA                                                                                                   | CPP             |        |
| 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-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                                             | Pond            |        |
| 216-T-12        | 216-T-12, 207-T Sludge Grave, 207-T Sludge Pit, 216-T-11                                              | Trench          |        |
| 200-CW-5        | EPA                                                                                                   | CPP             |        |
| 207-U*          | 207-U, 207-U Retention Basin                                                                          | Retention Basin |        |
| 216-U-9         | 216-U-9, U Swamp-S Swamp Ditch, 216-U-6                                                               | Ditch           |        |
| 216-U-10        | 216-U-10, 231 Swamp, U Swamp, 216-U-1, 216-U-10 Pond                                                  | Pond            |        |

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Listing by Operable Unit. (Sheet 45 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                                   | Unit Type         | Status |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------|--------|
| <b>200-CW-5</b>                  | (continued)                                                                                                                    |                   |        |
| 216-U-11                         | 216-U-11, U Swamp Extension Ditch, 216-U-12,<br>216-U-11 Trench, 216-U-11 Ditch, 216-U-11<br>(old ditch), 216-U-11 (new ditch) | Ditch             |        |
| 216-U-14                         | 216-U-14, Laundry Ditch, 216-U-14 Ditch                                                                                        | Ditch             |        |
| 216-Z-1D                         | 216-Z-1D, 216-Z-1, Drain Ditch to U Swamp, Z<br>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,<br>216-Z-19 Ditch                                                                     | Ditch             |        |
| 216-Z-20                         | 216-Z-20, Z-19 Ditch Replacement Tile Field                                                                                    | Crib              |        |
| UPR-200-W-18                     | UPR-200-W-18, Liquid Release to 216-U-9                                                                                        | Unplanned Release |        |
| UPR-200-W-104                    | UPR-200-W-104, UN-216-W-14, 216-U-10 Pond<br>Leach Trench                                                                      | Unplanned Release |        |
| UPR-200-W-105                    | UPR-200-W-105, UN-216-W-15, 216-U-10 Pond<br>Leach Trench                                                                      | Unplanned Release |        |
| UPR-200-W-106                    | UPR-200-W-106, UN-216-W-16, 216-U-10 Pond<br>Leach Trench                                                                      | Unplanned Release |        |
| UPR-200-W-107                    | UPR-200-W-107, UN-216-W-17, 216-U-10 Pond<br>Flood Plain, 216-U-10 Pond Leach Trench                                           | Unplanned Release |        |
| UPR-200-W-111                    | UPR-200-W-111, Sludge Trench at 207-U,<br>UN-216-W-21                                                                          | Unplanned Release |        |
| UPR-200-W-112                    | UPR-200-W-112, Sludge Trench at 207-U,<br>UN-216-W-22                                                                          | Unplanned Release |        |
| UPR-200-W-139                    | UPR-200-W-139, Liquid Release to the 216-U-9<br>Ditch, UN-200-W-139, UPR-200-W-18                                              | Unplanned Release |        |
| <b>200-IS-1</b>                  | <b>Ecology</b>                                                                                                                 | <b>RPP</b>        |        |
| 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        |        |

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Listing by Operable Unit. (Sheet 46 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                            | Unit Type           | Status |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------|--------|
| 200-IS-1                         | (continued)                                                                                                             |                     |        |
| 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,<br>241-B-302                                                                        | Catch Tank          |        |
| 241-BX-154**                     | 241-BX-154, 241-BX-154 Diversion Box                                                                                    | Diversion Box       |        |
| 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<br>Semi-works                                                               | Storage Tank        |        |
| 241-CX-71**                      | 241-CX-71, 241-CX-TK-71, 241-CX<br>Neutralization Tank, Strontium Hot Semi-works                                        | Neutralization Tank |        |
| 241-CX-72**                      | 241-CX-72, 241-CX-TK-72 Vault and Tank,<br>241-CX-72 Waste Self Concentrator, Strontium<br>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-311 Catch Tank, old<br>241-ER-311                                                                   | Catch Tank          |        |
| 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       |        |
| 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,<br>276-S-141 Solvent Storage Tank, Tank 276-141,<br>Hexone Storage Tank, 244-SX-15 | Storage Tank        |        |

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| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                            | Unit Type       | Status |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------|--------|
| 200-IS-1                         | (continued)                                                                                                             |                 |        |
| 276-S-142**                      | 276-S-142, 276-S-TK-142, 276-S-306B,<br>276-S-142 Solvent Storage Tank, Tank 276-142,<br>Hexone Storage Tank, 244-SX-15 | Storage Tank    |        |
| 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,<br>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   |        |
| 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,<br>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   |        |
| 241-WR VAULT                     | 241-WR VAULT, 241-WR Vault (Tanks -001<br>through -009), 241-WR Diversion Station Vault                                 | Receiving Vault |        |

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## Appendix C

Listing by Operable Unit. (Sheet 48 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                                                                                                  | Unit Type           | Status |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------|
| 200-IS-1<br>241-Z**              | (continued)<br>241-Z, 241-Z Treatment and Storage Tanks,<br>241-Z Tank Farm, 241-Z Treatment and Storage<br>System, 241-Z-D-4, 241-Z-D-5, 241-Z-D-7,<br>241-Z-D-8, 241-Z Sump, 241-Z Tank Pit | Neutralization Tank |        |
| HSVP                             | HSVP, Hot Semiworks Valve Pit, 201-C<br>Diversion Box, Semiworks Valve Pit                                                                                                                    | Valve Pit           |        |
| UPR-200-E-1                      | UPR-200-E-1, Waste Line Failure on South<br>Side of 221-B                                                                                                                                     | Unplanned Release   |        |
| UPR-200-E-3                      | UPR-200-E-3, Line leak from 221-B to<br>241-BX-154, UN-200-E-3                                                                                                                                | Unplanned Release   |        |
| UPR-200-E-25                     | UPR-200-E-25, Contamination Spread from the<br>241-A-151 Diversion Box, UN-200-E-25                                                                                                           | Unplanned Release   |        |
| UPR-200-E-26                     | UPR-200-E-26, 241-A-151 Release,<br>UN-200-E-26                                                                                                                                               | Unplanned Release   |        |
| UPR-200-E-31                     | UPR-200-E-31, 241-A-151 Release,<br>UN-200-E-31                                                                                                                                               | Unplanned Release   |        |
| UPR-200-E-41                     | UPR-200-E-41, UN-200-E-41 Soil<br>Contamination in the Vicinity of R-13 Stairwell<br>(221-B), UPR-200-E-85                                                                                    | Unplanned Release   |        |
| UPR-200-E-42                     | UPR-200-E-42, 241-AX-151 Release,<br>UN-200-E-42                                                                                                                                              | Unplanned Release   |        |
| UPR-200-E-44                     | UPR-200-E-44, UN-200-E-44, Waste Line Leak<br>South of 221-B                                                                                                                                  | Unplanned Release   |        |
| UPR-200-E-45                     | UPR-200-E-45, UN-200-E-45                                                                                                                                                                     | Unplanned Release   |        |
| UPR-200-E-65                     | UPR-200-E-65, UN-216-E-65, 241-A-151<br>Diversion Box Radioactive Contamination,<br>UN-200-E-65                                                                                               | Unplanned Release   |        |
| UPR-200-E-67                     | UPR-200-E-67, UN-216-E-67, Radioactively<br>Contaminated Pipe Encasement, UN-200-E-67                                                                                                         | Unplanned Release   |        |

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## Appendix C

Listing by Operable Unit. (Sheet 49 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                               | Unit Type         | Status |
|----------------------------------|------------------------------------------------------------------------------------------------------------|-------------------|--------|
| 200-IS-1                         | (continued)                                                                                                |                   |        |
| UPR-200-E-77                     | UPR-200-E-77, UN-216-E-5, 241-B-154<br>Diversion Box Ground Contamination,<br>UN-200-E-77                  | Unplanned Release |        |
| UPR-200-E-78                     | UPR-200-E-78, UN-216-E-6, 241-BX-155<br>Diversion Box ground contamination,<br>UN-200-E-78                 | Unplanned Release |        |
| UPR-200-E-80                     | UPR-200-E-80, UN-216-E-8, 221-B R-3 Line<br>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,<br>UN-200-E-84, UN-216-E-12                                      | Unplanned Release |        |
| UPR-200-E-85                     | UPR-200-E-85, Line Leak at 221-B Stairwell<br>R-13, UN-216-E-13, UPR-200-E-41,<br>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<br>Plutonium Ground Contamination,<br>UN-200-E-87, 216-E-15    | Unplanned Release |        |
| UPR-200-E-96                     | UPR-200-E-96, Ground Contamination SE of<br>PUREX, UN-216-E-24, UN-200-E-96                                | Unplanned Release |        |
| UPR-200-E-117                    | UPR-200-E-117, Contaminated Liquid Spill,<br>UN-200-E-117                                                  | Unplanned Release |        |
| UPR-200-W-2                      | UPR-200-W-2, UN-200-W-2                                                                                    | Unplanned Release |        |
| UPR-200-W-5                      | UPR-200-W-5, Overflow at 241-TX-155,<br>UN-200-W-5                                                         | Unplanned Release |        |
| UPR-200-W-6                      | UPR-200-W-6, UN-200-W-6                                                                                    | Unplanned Release |        |
| UPR-200-W-21                     | UPR-200-W-21, UN-200-W-21, Ground<br>Contamination at 241-TX-154 Diversion Box                             | Unplanned Release |        |
| UPR-200-W-27                     | UPR-200-W-27, Transfer Line Leak,<br>UN-200-W-27                                                           | Unplanned Release |        |
| UPR-200-W-28                     | UPR-200-W-28, Release from 241-TX-155,<br>UN-200-W-28                                                      | Unplanned Release |        |

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## Appendix C

Listing by Operable Unit. (Sheet 50 of 81)

**OPERABLE UNIT LEAD REGULATORY AGENCY**

| Waste Unit Name | Waste Unit Aliases                                                                                                     | Unit Type         | Status |
|-----------------|------------------------------------------------------------------------------------------------------------------------|-------------------|--------|
| <b>200-IS-1</b> | (continued)                                                                                                            |                   |        |
| UPR-200-W-29    | UPR-200-W-29, Transfer Line Leak,<br>UN-200-W-29, UPR-200-W-27, UN-200-W-27,<br>UN-216-W-5, 23rd and Camden Line Break | Unplanned Release |        |
| UPR-200-W-32    | UPR-200-W-32, UNH Transfer Line Break,<br>UN-200-W-32                                                                  | Unplanned Release |        |
| UPR-200-W-33    | UPR-200-W-33, Ground Contamination at<br>224-U, UN-200-W-33                                                            | Unplanned Release |        |
| UPR-200-W-35    | UPR-200-W-35, Ground Contamination Near<br>UNH Process Line, UN-200-W-35, REDOX to<br>224-U UNH Line Leak              | Unplanned Release |        |
| UPR-200-W-38    | UPR-200-W-38, Line Break at 241-TX-302,<br>UPR-200-W-160, UPR-200-W-40,<br>UN-200-W-38, 216-T-30, UN-216-W-36,         | Unplanned Release |        |
| UPR-200-W-40    | UPR-200-W-40, Line Break at<br>241-TX-154, UPR-200-W-38, UPR-200-W-160,<br>216-T-30, UN-200-W-40,                      | Unplanned Release |        |
| UPR-200-W-49    | UPR-200-W-49, Contamination Southeast of<br>241-SX, UN-200-W-49                                                        | Unplanned Release |        |
| UPR-200-W-64    | UPR-200-W-64, Road Contamination,<br>UN-200-W-64                                                                       | Unplanned Release |        |
| UPR-200-W-79    | UPR-200-W-79, Contamination Spread at<br>241-Z, UN-200-W-79                                                            | Unplanned Release |        |
| UPR-200-W-97    | UPR-200-W-97, Transfer Line Leak,<br>UN-216-W-5, UN-200-W-97                                                           | Unplanned Release |        |
| UPR-200-W-98    | UPR-200-W-98, UN-216-W-6, 221-T at R-19<br>Waste Line Break, 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-113   | UPR-200-W-113, Soil Contamination East of<br>241-TX, UN-216-W-23, UN-200-W-113                                         | Unplanned Release |        |

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## Appendix C

Listing by Operable Unit. (Sheet 51 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                            | Unit Type         | Status |
|----------------------------------|-----------------------------------------------------------------------------------------|-------------------|--------|
| <b>200-IS-1</b>                  | (continued)                                                                             |                   |        |
| 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 |        |
| 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-160                    | UPR-200-W-160, Line Break at 241-TX-302C, UPR-200-W-38, UPR-200-W-40, 216-T-30          | 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 |        |
| <b>200-LW-1</b>                  | <b>Ecology</b>                                                                          | <b>RPP</b>        |        |
| 216-B-53A                        | 216-B-53A, 216-B-53A 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            |        |
| 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              |        |

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## Appendix C

Listing by Operable Unit. (Sheet 52 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                        | Unit Type              | Status |
|----------------------------------|-------------------------------------------------------------------------------------|------------------------|--------|
| 200-LW-1                         | (continued)                                                                         |                        |        |
| 216-T-35                         | 216-T-35                                                                            | Crib                   |        |
| 200-LW-2                         | Ecology                                                                             | RPP                    |        |
| 216-A-15                         | 216-A-15                                                                            | French Drain           |        |
| 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-19                         | 216-S-19, 222-S Lab Swamp, 216-SL-1, REDOX Lab Swamp, 216-S-19 Pond                 | Pond                   |        |
| 216-S-20                         | 216-S-20, 216-SL-1&2 Crib, 216-SL-2                                                 | 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-2                          | 216-T-2, 222-T-110 Dry Well                                                         | Injection/Reverse Well |        |
| 216-T-8                          | 216-T-8, 222-T-1 & 2 Cribs                                                          | 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/4a 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-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                 |        |
| CTFN 2703-E                      | CTFN 2703-E, Chemical Tile Field North of 2703-E                                    | Drain/Tile Field       |        |

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## Appendix C

Listing by Operable Unit. (Sheet 53 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                        | Unit Type              | Status |
|----------------------------------|---------------------------------------------------------------------|------------------------|--------|
| 200-MW-1                         | EPA                                                                 | CPP                    |        |
| 216-A-4                          | 216-A-4, 216-A-4 Cavern                                             | Crib                   |        |
| 216-A-11                         | 216-A-11                                                            | French Drain           |        |
| 216-A-12                         | 216-A-12                                                            | French Drain           |        |
| 216-A-13                         | 216-A-13                                                            | French Drain           |        |
| 216-A-14                         | 216-A-14, French Drain - Vacuum Cleaner Filter Pit                  | French Drain           |        |
| 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                          | 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-32                         | 216-A-32                                                            | 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                   |        |
| 216-A-41                         | 216-A-41                                                            | Crib                   |        |
| 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-56                         | 216-B-56                                                            | Crib                   |        |
| 216-B-61                         | 216-B-61                                                            | Crib                   |        |
| 216-C-2                          | 216-C-2, 291-C Dry Well, 216-C-2 Dry Well                           | Injection/Reverse Well |        |

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## Appendix C

Listing by Operable Unit. (Sheet 54 of 81)

| OPERABLE UNIT   | LEAD REGULATORY AGENCY                                                                                                      |                        |        |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------|--------|
| Waste Unit Name | Waste Unit Aliases                                                                                                          | Unit Type              | Status |
| 200-MW-1        | (continued)                                                                                                                 |                        |        |
| 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                                                                            | French Drain           |        |
| 209-E-WS-1      | 209-E-WS-1, 209-E French Drain                                                                                              | French Drain           |        |
| 209-E-WS-2      | 209-E-WS-2, Critical Mass Lab French Drain                                                                                  | French Drain           |        |
| 299-E24-111     | 299-E24-111                                                                                                                 | Injection/Reverse Well |        |
| 2718-E-WS-1     | 2718-E-WS-1, 2718 French Drain                                                                                              | French Drain           |        |
| 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-SX-2        | 216-SX-2 Crib                                                                                                               | 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-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                                                                                                                    | French Drain           |        |
| 216-T-33        | 216-T-33                                                                                                                    | Crib                   |        |
| 216-U-3         | 216-U-3, 216-U-11, 216-U-3 French Drain                                                                                     | French Drain           |        |
| 216-U-7         | 216-U-7, 221-U Vessel Vent Blower Pit French Drain                                                                          | French Drain           |        |

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## Appendix C

Listing by Operable Unit. (Sheet 55 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                         | Unit Type         | Status |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------|--------|
| 200-MW-1                         | (continued)                                                                                                          |                   |        |
| 216-U-13                         | 216-U-13, 216-U-13 Cribs, 216-U-13, 241-UR<br>Steam Cleaning Pit                                                     | Trench            |        |
| 200-W PP                         | 200-W PP, 200-W Powerhouse Pond, 200 West<br>Powerhouse Ponds, 284-W-B                                               | Pond              |        |
| 216-Z-13*                        | 216-Z-13, 234-5 Dry Well #1, 216-Z-13 Dry<br>Well                                                                    | French Drain      |        |
| 216-Z-14*                        | 216-Z-14, 234-5 Dry Well #2, 216-Z-14 Dry<br>Well                                                                    | French Drain      |        |
| 216-Z-15*                        | 216-Z-15, 234-5 Dry Well #3, 216-Z-15 Dry<br>Well                                                                    | French Drain      |        |
| 216-Z-21                         | 216-Z-21, 216-Z-21 Seepage Basin, PFP Cold<br>Waste Pond                                                             | Pond              |        |
| 616-WS-1*                        | 616-WS-1, 616 NDWSF French Drain                                                                                     | French Drain      |        |
| UPR-200-E-13                     | UPR-200-E-13, Overflow from 216-A-4,<br>UN-200-E-13, UPR-200-E-15                                                    | Unplanned Release |        |
| UPR-200-E-15                     | UPR-200-E-15, Overflow at 216-A-4,<br>UN-200-E-15, UPR-200-E-13                                                      | Unplanned Release |        |
| UPR-200-E-17                     | UPR-200-E-17, Overflow at 216-A-22,<br>UN-200-E-17                                                                   | Unplanned Release |        |
| UPR-200-W-30                     | UPR-200-W-30, 216-S-12, UN-200-W-30                                                                                  | Unplanned Release |        |
| UPR-200-W-138                    | UPR-200-W-138, 221-U Vessel Vent Blower Pit<br>French Drain, UN-216-W-11, UN-200-W-138,<br>UN-200-W-22, UPR-200-W-22 | Unplanned Release |        |
| 200-PW-1                         | EPA                                                                                                                  | CPP               |        |
| 216-T-19                         | 216-T-19, 241-TX-153 Crib and Tile Field,<br>216-TX-1, 241-TX-3, 216-T-19TF                                          | Crib              |        |
| 216-Z-1&2                        | 216-Z-1&2, 234-5 No. 1 Crib, 216-Z-7, 234-5 No. Crib<br>2 Crib, 216-Z-1 & 2TF, 216-Z-1 and 216-Z-2<br>Cribs          |                   |        |

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## Appendix C

Listing by Operable Unit. (Sheet 56 of 81)

**OPERABLE UNIT LEAD REGULATORY AGENCY**

| Waste Unit Name | Waste Unit Aliases                                                                        | Unit Type         | Status |
|-----------------|-------------------------------------------------------------------------------------------|-------------------|--------|
| <b>200-PW-1</b> | (continued)                                                                               |                   |        |
| 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            |        |
| 216-Z-12        | 216-Z-12, 241-Z-12                                                                        | 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     |        |
| UPR-200-W-103   | UPR-200-W-103, 216-Z-18 Line Break, UN-216-W-13, UN-200-W-103                             | Unplanned Release |        |
| UPR-200-W-110   | UPR-200-W-110, Contaminated Soil at 216-Z-1, UN-216-W-20                                  | Unplanned Release |        |
| <b>200-PW-2</b> | <b>Ecology</b>                                                                            | <b>RPP</b>        |        |
| 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-5         | 216-A-5, 216-A-5 Cavern                                                                   | Crib              |        |
| 216-A-10**      | 216-A-10, 216-A-10 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            |        |
| 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-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-36A       | 216-A-36A, 216-A-36 Crib                                                                  | Crib              |        |

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## Appendix C

Listing by Operable Unit. (Sheet 57 of 81)

**OPERABLE UNIT LEAD REGULATORY AGENCY**

| Waste Unit Name | Waste Unit Aliases                                                                                                                 | Unit Type           | Status |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------|
| <b>200-PW-2</b> | (continued)                                                                                                                        |                     |        |
| 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 Crib                                                                                                                | Crib                |        |
| 270-E-1         | 270-E-1, 270--E CNT, 270-E Condensate Neutralization Tank, 216-ER-1                                                                | Neutralization Tank |        |
| 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-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-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-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                |        |
| 241-U-361       | 241-U-361, 241-U-361 Settling Tank, 361-U-TANK                                                                                     | Settling Tank       |        |
| 270-W           | 270-W, 270-W Tank, 270-W Neutralization Tank                                                                                       | Neutralization Tank |        |
| UPR-200-E-39    | UPR-200-E-39, Release from 216-A-36B Crib Sampler, UN-200-E-39                                                                     | Unplanned Release   |        |
| UPR-200-E-40    | UPR-200-E-40, Release from the 216-A-36B Crib Sampler, UN-200-E-40                                                                 | Unplanned Release   |        |

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Listing by Operable Unit (Sheet 58 of 81)

| OPERABLE UNIT   | LEAD REGULATORY AGENCY                                                                                          |                   |        |
|-----------------|-----------------------------------------------------------------------------------------------------------------|-------------------|--------|
| Waste Unit Name | Waste Unit Aliases                                                                                              | Unit Type         | Status |
| <b>200-PW-2</b> | (continued)                                                                                                     |                   |        |
| UPR-200-E-64    | UPR-200-E-64, UN-216-E-64, Radioactive Contamination from 270-E-1 Neutralization Tank, UN-200-E-64, UN-216-E-36 | Unplanned Release |        |
| UPR-200-W-19    | UPR-200-W-19, 361-U Overflow, UN-200-W-19                                                                       | 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-163   | UPR-200-W-163, Contaminated Vegetation at the 216-U-8 Pipeline, UN-216-W-33                                     | Unplanned Release |        |
| <b>200-PW-3</b> | <b>EPA</b>                                                                                                      | <b>CPP</b>        |        |
| 216-A-2         | 216-A-2, 216-A-2 Cavern                                                                                         | Crib              |        |
| 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              |        |
| 216-A-524       | 216-A-524, 216-A-524 Control Structure, 216-A-524 Weir                                                          | Control Structure |        |
| 216-C-4         | 216-C-4, 216-C-4 Crib                                                                                           | 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-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            |        |
| UPR-200-E-56    | UPR-200-E-56, Excavated Contamination Adjacent to 216-A-24 Crib, UN-200-E-56, UN-216-E-33, 200-E-18             | Unplanned Release |        |
| UPR-200-W-125   | UPR-200-W-125, 216-U-15, UN-200-W-125, UN-216-W-10                                                              | Unplanned Release |        |

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Listing by Operable Unit. (Sheet 59 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                           | Unit Type         | Status |
|----------------------------------|----------------------------------------------------------------------------------------|-------------------|--------|
| 200-PW-4                         | Ecology                                                                                | RPP               |        |
| 207-A-SOUTH**                    | 207-A-SOUTH, 207-A, 207-A Retention Basin,<br>207-A-SOUTH Retention Basin, 207-A South | Retention Basin   |        |
| 216-A-34                         | 216-A-34, 216-A-34 Ditch, 216-A-34 Crib                                                | Ditch             |        |
| 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-C-3                          | 216-C-3, 201-C Leaching Pit, 216-C-3 Crib                                              | Crib              |        |
| 216-C-5                          | 216-C-5                                                                                | Crib              |        |
| 216-C-7                          | 216-C-7, 216-C-7 Crib                                                                  | Crib              |        |
| 216-C-10                         | 216-C-10                                                                               | Crib              |        |
| 209-E-WS-3                       | 209-E-WS-3, Critical Mass Laboratory Valve<br>Pit and Hold Up Tank (209-E-TK-111)      | Valve Pit         |        |
| 209-E-WS-3:1                     | 209-E-WS-3:1, 209-E-TK-111 Hold Up Tank                                                |                   |        |
| 216-S-4                          | 216-S-4, 216-S-7, 216-S-4 Sump or Crib,<br>UN-216-W-1                                  | French Drain      |        |
| 216-S-22                         | 216-S-22                                                                               | Crib              |        |
| 216-S-23                         | 216-S-23                                                                               | Crib              |        |
| 216-T-20                         | 216-T-20, 155-TX, 216-TX-2, 216-T-20 Crib,<br>Contaminated Acid Grave                  | Trench            |        |
| 216-U-16                         | 216-U-16, UO3 Crib                                                                     | Crib              |        |
| 216-U-17                         | 216-U-17                                                                               | Crib              |        |
| UPR-200-E-145                    | UPR-200-E-145, W049H Green Soil                                                        | Unplanned Release |        |
| 200-PW-5                         | EPA                                                                                    | CPP               |        |
| 216-B-11A&B                      | 216-B-11A&B, 216-B-11 Crib, 242-B-1 Crib,<br>216-B-11A & B                             | French Drain      |        |
| 216-B-50                         | 216-B-50, 216-BY-8 Crib, 216-BY-8 Cavern                                               | Crib              |        |

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Listing by Operable Unit. (Sheet 60 of 81)

| OPERABLE UNIT   | LEAD REGULATORY AGENCY                                                                                 | Unit Type              | Status |
|-----------------|--------------------------------------------------------------------------------------------------------|------------------------|--------|
| Waste Unit Name | Waste Unit Aliases                                                                                     |                        |        |
| <b>200-PW-5</b> | (continued)                                                                                            |                        |        |
| 216-B-57        | 216-B-57, 216-B-57 Enclosed Trench                                                                     | Crib                   |        |
| 216-B-62        | 216-B-62, 216-B-62 Enclosed Trench, 216-B-62 Crib                                                      | Crib                   |        |
| 216-C-6         | 216-C-6, 241-CX Crib                                                                                   | Crib                   |        |
| 216-S-9         | 216-S-9                                                                                                | Crib                   |        |
| 216-S-21        | 216-S-21, 216-SX-1, 216-SX-1 Cavern or Crib                                                            | Crib                   |        |
| 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      |        |
| <b>200-PW-6</b> | <b>EPA</b>                                                                                             | <b>CPP</b>             |        |
| 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 | 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                                                                             |                        |        |
| 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-5         | 216-Z-5, 231-W Sumps, 231-W-1 & 2 Cribs                                                                | Crib                   |        |
| 216-Z-6         | 216-Z-6, 231-W-4 Crib, 231-Z-6, 216-W-4, 231-W "Trench" Crib, 216-Z-4, 216-Z-6 & 6A Crib               | 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          |        |

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## Appendix C

Listing by Operable Unit. (Sheet 61 of 81)

**OPERABLE UNIT LEAD REGULATORY AGENCY**

**Waste Unit Name Waste Unit Aliases Unit Type Status**

**200-PW-6 (continued)**

UPR-200-W-130 UPR-200-W-130, Line Leak at 231-W-151 Sump, UN-200-W-130 Unplanned Release

200-SC-1 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-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

216-S-6 216-S-6, 216-S-6 Cavern #2, 216-S-5 Crib, 216-S-13 Crib Crib

216-S-25 216-S-25, 216-S-25 Crib Crib

216-T-36 216-T-36 Crib

207-Z 207-Z, 207-Z Retention Basin, 241-Z Retention Basin, 241-Z-RB Retention Basin

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

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## Appendix C

Listing by Operable Unit. (Sheet 62 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                             | Unit Type   | Status |
|----------------------------------|--------------------------------------------------------------------------|-------------|--------|
| 200-ST-1                         | Ecology                                                                  | RPP         |        |
| 200-E-5                          | 200-E-5, 2607-E2, 2607-E2 Septic Tank & Tile Field                       | Septic Tank |        |
| 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 |        |
| 200-E-9*                         | 200-E-9, 2607-EN, 2727-E Septic System, 2607-EN Septic Tank/Pump Station | Septic Tank |        |
| 200-E-24*                        | 200-E-24, 6607-11, 2704-HV Septic System                                 | Septic Tank |        |
| 2607-E1*                         | 2607-E1                                                                  | Septic Tank |        |
| 2607-E3*                         | 2607-E3                                                                  | Septic Tank |        |
| 2607-E4                          | 2607-E4                                                                  | 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-E                                                         | Septic Tank |        |
| 2607-E8*                         | 2607-E8                                                                  | Septic Tank |        |
| 2607-E9*                         | 2607-E9                                                                  | Septic Tank |        |
| 2607-E11*                        | 2607-E11                                                                 | Septic Tank |        |
| 2607-E12*                        | 2607-E12, 2607-E12 Septic System                                         | Septic Tank |        |
| 2607-EA*                         | 2607-EA, 2607-EA Septic Tank and Drywell                                 | Septic Tank |        |
| 2607-EC*                         | 2607-EC                                                                  | Septic Tank |        |
| 2607-EE                          | 2607-EE, 2607-EL                                                         | Septic Tank |        |
| 2607-EH*                         | 2607-EH                                                                  | Septic Tank |        |
| 2607-EK*                         | 2607-EK                                                                  | Septic Tank |        |
| 2607-EL*                         | 2607-EL, 2607-EL Septic Tank/Pump Station                                | Septic Tank |        |
| 2607-EM*                         | 2607-EM                                                                  | Septic Tank |        |

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## Appendix C

Listing by Operable Unit. (Sheet 63 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                             | Unit Type   | Status |
|----------------------------------|----------------------------------------------------------------------------------------------------------|-------------|--------|
| 200-ST-1                         | (continued)                                                                                              |             |        |
| 2607-EP*                         | 2607-EP                                                                                                  | Septic Tank |        |
| 2607-EQ*                         | 2607-EQ                                                                                                  | Septic Tank |        |
| 2607-ER*                         | 2607-ER                                                                                                  | Septic Tank |        |
| 2607-FSM*                        | 2607-FSM, 609 Building Septic Tank<br>2607-FSM, 100 Area Fire Station Septic Tank,<br>1607-FSM, 6607-FSM | Septic Tank |        |
| 2607-FSN                         | 2607-FSN, 609A Building Septic Tank<br>2607-FSN                                                          | Septic Tank |        |
| 2607-GF*                         | 2607-GF                                                                                                  | Septic Tank |        |
| 2607-N                           | 2607-N                                                                                                   | Septic Tank |        |
| 2607-P                           | 2607-P                                                                                                   | Septic Tank |        |
| 2607-R                           | 2607-R                                                                                                   | Septic Tank |        |
| 2607-W1*                         | 2607-W1                                                                                                  | Septic Tank |        |
| 2607-W2                          | 2607-W2                                                                                                  | Septic Tank |        |
| 2607-W3*                         | 2607-W3                                                                                                  | Septic Tank |        |
| 2607-W4*                         | 2607-W4                                                                                                  | Septic Tank |        |
| 2607-W5*                         | 2607-W5                                                                                                  | Septic Tank |        |
| 2607-W6*                         | 2607-W6                                                                                                  | Septic Tank |        |
| 2607-W7*                         | 2607-W7                                                                                                  | Septic Tank |        |
| 2607-W8*                         | 2607-W8                                                                                                  | Septic Tank |        |
| 2607-W9*                         | 2607-W9                                                                                                  | Septic Tank |        |
| 2607-WA*                         | 2607-WA                                                                                                  | Septic Tank |        |
| 2607-WC*                         | 2607-WC, 2607-WC Septic System                                                                           | Septic Tank |        |
| 2607-WL*                         | 2607-WL, 2607-WL Septic System                                                                           | Septic Tank |        |
| 2607-WWA*                        | 2607-WWA                                                                                                 | Septic Tank |        |
| 2607-WZ                          | 2607-WZ                                                                                                  | Septic Tank |        |

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## Appendix C

Listing by Operable Unit. (Sheet 64 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                   | Unit Type                    | Status |
|----------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------|--------|
| <b>200-ST-1</b>                  | (continued)                                                                                                    |                              |        |
| 2607-Z*                          | 2607-Z                                                                                                         | Septic Tank                  |        |
| 2607-Z8*                         | 2607-Z8                                                                                                        | Septic Tank                  |        |
| 600 ESST                         | 600 ESST, 600 Area Exploratory Shaft Septic Tank, Septic Tank - Exploratory Shaft                              | Septic Tank                  |        |
| 600 NSTFST                       | 600 NSTFST, 600 Area Near Surface Test Facility Septic Tank, Septic Tank, Near Surface Test Facility           | Septic Tank                  |        |
| 600 NSTFUT                       | 600 NSTFUT, 600 Area Near Surface Test Facility Underground Tank, Underground Tank, Near Surface Test Facility | Storage Tank                 |        |
| 622-R ST*                        | 622-R ST, 622-R Septic Tank, 622-R Atmospheric Physics Laboratory Septic Tank                                  | Septic Tank                  |        |
| 6607-1                           | 6607-1, H-40 Gun Site Septic Tank                                                                              | Septic Tank                  |        |
| 6607-2                           | 6607-2, Gun Site H-42 Septic Tank                                                                              | Septic Tank                  |        |
| 6607-3                           | 6607-3, Anti-Aircraft Artillery Site H-51 Septic Tank                                                          | Septic Tank                  |        |
| 6607-5*                          | 6607-5                                                                                                         | Septic Tank                  |        |
| TFS OF 218-E-4*                  | TFS OF 218-E-4, Tile Field South of 218-E-4                                                                    | Drain/Tile Field             |        |
| <b>200-SW-1</b>                  | <b>Ecology</b>                                                                                                 | <b>RPP</b>                   |        |
| 200 CP                           | 200 CP, 200 Area Construction Pit, 200 Area Construction Waste Site, Hanford Site Gravel Pit #29               | Depression/Pit (nonspecific) |        |
| 200-E BP                         | 200-E BP, 200-E Burning Pit, 200 East Burning Pit                                                              | Burn Pit                     |        |
| 200-E PAP*                       | 200-E PAP, 200-E Powerhouse Ash Pit                                                                            | Coal Ash Pit                 |        |
| 200-E-1                          | 200-E-1, 284E Inert Landfill                                                                                   | Dumping Area                 |        |
| 200-E-2                          | 200-E-2, 2101-M SW Parking Lot, MO-234 parking Lot                                                             | Unplanned Release            |        |
| 200-E-10                         | 200-E-10, Paint Dump Near Sub Trenches                                                                         | Dumping Area                 |        |

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## Appendix C

Listing by Operable Unit. (Sheet 65 of 81)

**OPERABLE UNIT LEAD REGULATORY AGENCY**

| Waste Unit Name | Waste Unit Aliases                                                                                            | Unit Type                    | Status |
|-----------------|---------------------------------------------------------------------------------------------------------------|------------------------------|--------|
| 200-SW-1        | (continued)                                                                                                   |                              |        |
| 200-E-12        | 200-E-12, Sand Piles from RCRA General Inspection 200EFY95 Item #5                                            | Dumping Area                 |        |
| 200-E-13        | 200-E-13, Rubble Piles from RCRA General Inspection #200EFY95 Item #7                                         | Dumping Area                 |        |
| 218-E-6         | 218-E-6, B Stack Shack Burning Pit, Buried Contamination                                                      | Burial Ground                |        |
| 200-N-3         | 200-N-3, Ballast Pits                                                                                         | Depression/Pit (nonspecific) |        |
| 200-W ADB*      | 200-W ADB, 200-W Ash Disposal Basin                                                                           | Coal Ash Pit                 |        |
| 200-W BP        | 200-W BP, 200-W Burning Pit                                                                                   | Burn Pit                     |        |
| 200-W CSLA      | 200-W CSLA, 200-W Construction Surface Laydown Area, Non-Rad Burial Ground, Construction Surface Laydown Area | Burial Ground                |        |
| 200-W PAP       | 200-W PAP, 200-W Powerhouse Ash Pit                                                                           | Coal Ash Pit                 |        |
| 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-10        | 200-W-10, Item 10 (RCRA General Inspection), Grout Wall Test                                                  | Depression/Pit (nonspecific) |        |
| 200-W-11        | 200-W-11, Concrete Foundation South of 241-S, S-Farm Foundation and Dump Site                                 | Dumping Area                 |        |
| 218-W-6**       | 218-W-6                                                                                                       | Burial Ground                |        |
| 600 BPHWSA*     | 600 BPHWSA, 600 Area Batch Plant HWSA, Hazardous Waste Storage Area (Batch Plant)                             | Storage Pad (<90 day)        |        |
| 600 CL          | 600 CL, 600 Area Central Landfill, Central Landfill, Central Waste Landfill, CWL, Solid Waste Landfill, SWL   | Sanitary Landfill            |        |

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Listing by Operable Unit. (Sheet 66 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                                                                    | Unit Type             | Status |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------|
| <b>200-SW-1</b> (continued)      |                                                                                                                                                                 |                       |        |
| 600 ESHWSA                       | 600 ESHWSA, 600 Area Exploratory Shaft<br>HWSA, 600 Area Exploratory Shaft Hazardous<br>Waste Storage Area, Hazardous Waste<br>Storage Area (Exploratory Shaft) | Storage Pad (<90 day) |        |
| 600 NRDWL**                      | 600 NRDWL, 600 Area Nonradioactive<br>Dangerous Waste Landfill, NRDW Landfill,<br>Nonradioactive Dangerous Waste Landfill<br>(Central Landfill), NRDWL          | Sanitary Landfill     |        |
| 600 OCL                          | 600 OCL, 600 Area Original Central Landfill,<br>Original CLF                                                                                                    | Sanitary Landfill     |        |
| 600-38                           | 600-38, Railroad Siding "Susie", 600-25, Susie<br>Junction                                                                                                      | Dumping Area          |        |
| 600-40                           | 600-40, West of West Lake Dumping Area                                                                                                                          | Dumping Area          |        |
| 600-51                           | 600-51, Chemical Dump                                                                                                                                           | Dumping Area          |        |
| 600-70                           | 600-70, SWMU #2 - Miscellaneous Solid<br>Waste                                                                                                                  | Dumping Area          |        |
| 622-1                            | 622-1                                                                                                                                                           | Dumping Area          |        |
| 628-2                            | 628-2, 100 Area Fire Station Burn Pit                                                                                                                           | Burn Pit              |        |
| OCSA                             | OCSA, Old Central Shop Area, Central Shop<br>Area                                                                                                               | Foundation            |        |
| UPR-200-E-106                    | UPR-200-E-106, Contamination at a Burning<br>Ground, UN-200-E-106                                                                                               | Unplanned Release     |        |
| UPR-200-W-37                     | UPR-200-W-37, Contaminated Boxes Found at<br>200 West Burning Ground                                                                                            | Unplanned Release     |        |
| UPR-200-W-70                     | UPR-200-W-70, Contamination Found at the<br>200 West Burning Ground                                                                                             | Unplanned Release     |        |
| Z PLANT BP                       | Z PLANT BP, Z Plant Burning Pit                                                                                                                                 | Burn Pit              |        |
| 200-SW-2                         | Ecology                                                                                                                                                         | RPP                   |        |
| 218-C-9                          | 218-C-9, Dry Waste No.0C9, 218-C-9 Burial<br>Ground                                                                                                             | Burial Ground         |        |

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Listing by Operable Unit. (Sheet 67 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                               | Unit Type     | Status |
|----------------------------------|------------------------------------------------------------------------------------------------------------|---------------|--------|
| 200-SW-2                         | (continued)                                                                                                |               |        |
| 291-C-1                          | 291-C-1, 291-C-1 Stack, 291-C Stack Burial Trench                                                          | 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                                                                 | Burial Ground |        |
| 218-E-2A                         | 218-E-2A, Regulated Equipment Storage Site No. 02A, Burial Trench                                          | Burial Ground |        |
| 218-E-3                          | 218-E-3, Construction Scrap Pit                                                                            | Burial Ground |        |
| 218-E-4                          | 218-E-4, 200 East Minor Construction No. 4                                                                 | Burial Ground |        |
| 218-E-5                          | 218-E-5, 200 East Industrial Waste No. 05                                                                  | Burial Ground |        |
| 218-E-5A                         | 218-E-5A, 200 East Industrial Waste No. 005A                                                               | Burial Ground |        |
| 218-E-7                          | 218-E-7, 200 East 222-B Vaults                                                                             | 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                                                                 | 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 |        |
| 200-W-5                          | 200-W-5, Burial Ground/Burning Pit, U Plant Burning Pit, UPR-200-W-8                                       | Burial Ground |        |
| 218-W-1                          | 218-W-1, 200-W Area Dry Waste No. 001 Solid Waste Burial Ground                                            | Burial Ground |        |
| 218-W-1A                         | 218-W-1A, 200-W Area Industrial Waste Burial Ground #1, Industrial Waste No. 01A, Industrial Waste No. 001 | Burial Ground |        |
| 218-W-2                          | 218-W-2, 200-W Area Dry Waste No. 002, Dry Waste Burial Ground No. 2                                       | Burial Ground |        |

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## Appendix C

Listing by Operable Unit. (Sheet 68 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                           | Unit Type         | Status |
|----------------------------------|--------------------------------------------------------------------------------------------------------|-------------------|--------|
| 200-SW-2                         | (continued)                                                                                            |                   |        |
| 218-W-2A                         | 218-W-2A, Industrial Waste No. 002,<br>218-W-02A Burial Ground, 200-W Area<br>Industrial Waste No. 02A | 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<br>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<br>Radioactive Mixed Waste Burial Grounds                  | Burial Ground     |        |
| 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,<br>Non-TRU Dry Waste No. 009                                   | Burial Ground     |        |
| 218-W-11                         | 218-W-11, Regulated Storage Site                                                                       | Burial Ground     |        |
| 600-25                           | 600-25, Susie Junction                                                                                 | Dumping Area      |        |
| UPR-200-E-24                     | UPR-200-E-24, Contamination Plume from the<br>218-E-12A Burial Ground, UN-200-E-24                     | Unplanned Release |        |
| UPR-200-E-30                     | UPR-200-E-30, Contamination Within<br>218-E-12A, UN-200-E-30                                           | Unplanned Release |        |
| UPR-200-E-35                     | UPR-200-E-35, Buried Contaminated Pipe,<br>UN-218-E-1, 218-E-13                                        | Unplanned Release |        |
| UPR-200-E-53                     | UPR-200-E-53, UN-200-E-53, Contamination at<br>218-E-1                                                 | Unplanned Release |        |

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Listing by Operable Unit. (Sheet 69 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                             | Unit Type         | Status |
|----------------------------------|----------------------------------------------------------------------------------------------------------|-------------------|--------|
| <b>200-SW-2</b> (continued)      |                                                                                                          |                   |        |
| UPR-200-E-61                     | UPR-200-E-61, Radioactive Contamination from Railroad Burial Cars, UN-216-E-61, UN-200-E-61              | 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-W-8                      | UPR-200-W-8, UN-200-W-8, 200-W-5, Old Burial/Burning Pit, U-Plant Bruning Pit/Burial Ground              | Unplanned Release |        |
| UPR-200-W-11                     | UPR-200-W-11, Burial Ground Fire, UN-200-W-11, UPR-200-W-16                                              | Unplanned Release |        |
| UPR-200-W-16                     | UPR-200-W-16, Fire at 218-W-4A Burial Ground                                                             | Unplanned Release |        |
| UPR-200-W-26                     | UPR-200-W-26, Contamination Spread During Burial Operation                                               | Unplanned Release |        |
| UPR-200-W-45                     | UPR-200-W-45, Burial Box Collapse                                                                        | Unplanned Release |        |
| UPR-200-W-53                     | UPR-200-W-53, Burial Box Collapse                                                                        | 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-72                     | UPR-200-W-72, Contamination at 218-W-4A                                                                  | Unplanned Release |        |
| UPR-200-W-84                     | UPR-200-W-84, Ground Contamination During Burial Operation                                               | Unplanned Release |        |
| UPR-200-W-134                    | UPR-200-W-134, Improper Drum Burial                                                                      | Unplanned Release |        |
| UPR-200-W-137                    | UPR-200-W-137, 218-W-7, UN-200-W-137                                                                     | Unplanned Release |        |
| UPR-200-W-158                    | UPR-200-W-158, Burial Box Collapse                                                                       | Unplanned Release |        |
| <b>200-TW-1</b>                  | EPA                                                                                                      | CPP               |        |
| 216-B-14                         | 216-B-14, 216-BC-1 Crib                                                                                  | Crib              |        |
| 216-B-15                         | 216-B-15, 216-BC-2 Crib                                                                                  | Crib              |        |

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Listing by Operable Unit. (Sheet 70 of 81)

**OPERABLE UNIT LEAD REGULATORY AGENCY**

| Waste Unit Name | Waste Unit Aliases                          | Unit Type | Status |
|-----------------|---------------------------------------------|-----------|--------|
| <b>200-TW-1</b> | (continued)                                 |           |        |
| 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    |        |
| 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    |        |

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Listing by Operable Unit. (Sheet 71 of 81)

**OPERABLE UNIT LEAD REGULATORY AGENCY**

| Waste Unit Name | Waste Unit Aliases                                                                   | Unit Type              | Status |
|-----------------|--------------------------------------------------------------------------------------|------------------------|--------|
| <b>200-TW-1</b> | (continued)                                                                          |                        |        |
| 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-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                   |        |
| 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-51        | 216-B-51, 216-BY-9 Crib                                                              | French Drain           |        |
| 216-B-52        | 216-B-52, 216-B-52 Trench                                                            | Trench                 |        |
| 216-BY-201      | 216-BY-201, Flush Tank 241-BY, 216-BY-47, Supernatant Disposal Flush Tank            | Settling Tank          |        |
| 200-E-14        | 200-E-14, 216-BC-201 Siphon Tank, 216-B-201                                          | Storage Tank           |        |
| 216-T-18        | 216-T-18, Test Crib for 221-T Building, Scavenged TBP Waste, 216-T-17, 241-T-17 Crib | Crib                   |        |
| 216-T-26        | 216-T-26, 216-TY-1 Cavern, 216-TY-1 Crib, 241-TX-1 Cavern, 216-TX-1 Crib             | Crib                   |        |
| UPR-200-E-9     | UPR-200-E-9, Liquid Overflow at 241-BY-201, UN-200-E-9                               | Unplanned Release      |        |
| <b>200-TW-2</b> | <b>Ecology</b>                                                                       | <b>RPP</b>             |        |
| 216-B-5         | 216-B-5, 241-B-361 Reverse Well, 241-B-361 Dry Well, 241-B-5 Dry Well                | Injection/Reverse Well |        |

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Listing by Operable Unit. (Sheet 72 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                                  | Unit Type              | Status |
|----------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------|--------|
| 200-TW-2                         | (continued)                                                                                                   |                        |        |
| 216-B-7A&B                       | 216-B-7A&B, 241-B-1 Crib, 216-B-7 Crib,<br>216-B-7A Sump, 216-B-7B Sump, 241-B-1 and 2<br>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, 216-B-361 Crib,<br>216-B-9TF                                                         | Crib                   |        |
| 216-B-35                         | 216-B-35, 241-BX-1 Grave, 216-BX-1 Trench,<br>216-B-35 Trench                                                 | Trench                 |        |
| 216-B-36                         | 216-B-36, 241-BX-2 Grave, 216-BX-2 Trench,<br>216-B-36 Trench                                                 | Trench                 |        |
| 216-B-37                         | 216-B-37, 241-BX-3 Grave, 216-BX-3 Trench,<br>216-B-37 Trench                                                 | Trench                 |        |
| 216-B-38                         | 216-B-38, 241-BX-4 Grave, 216-BX-4 Trench,<br>216-B-38 Trench                                                 | Trench                 |        |
| 216-B-39                         | 216-B-39, 241-BX-5 Grave, 216-BX-5 Trench,<br>216-B-39 Trench                                                 | Trench                 |        |
| 216-B-40                         | 216-B-40, 241-BX-6 Grave, 241-BX-6 Trench,<br>216-B-40 Trench, 216-BX-6 Trench                                | Trench                 |        |
| 216-B-41                         | 216-B-41, 241-BX-7 Grave, 216-BX-7 Trench,<br>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 Dry Well or Reverse<br>Well, 361-T Reverse Well                                          | Injection/Reverse Well |        |
| 216-T-5                          | 216-T-5, 216-T-5 Grave, 216-T-12, 216-T-5<br>Trench, 241-T-5 Trench                                           | Trench                 |        |
| 216-T-6                          | 216-T-6, 241-T-361 (1&2 Cribs), 216-T-5,<br>361-T-1&2 Cribs                                                   | Crib                   |        |
| 216-T-7                          | 216-T-7, 216-T-7TF, 216-T-7 Tile Field, 241-T-3<br>Tile Field                                                 | Crib                   |        |
| 216-T-14                         | 216-T-14, 241-T-1 Trench, 216-T-1 Grave,<br>216-T-13                                                          | Trench                 |        |

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Listing by Operable Unit. (Sheet 73 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                             | Unit Type         | Status |
|----------------------------------|--------------------------------------------------------------------------|-------------------|--------|
| 200-TW-2                         | (continued)                                                              |                   |        |
| 216-T-15                         | 216-T-15, 241-T-2 Trench, 241-T-2 Grave,<br>216-T-14, 216-T-15 Crib      | Trench            |        |
| 216-T-16                         | 216-T-16, 241-T-3 Trench, 241-T-3 Grave,<br>216-T-15, 216-T-16 Crib      | Trench            |        |
| 216-T-17                         | 216-T-17, 241-T-4 Trench, 216-T-4 Grave,<br>216-T-16                     | Trench            |        |
| 216-T-21                         | 216-T-21, 241-TX-1 Trench, 216-TX-1 Grave,<br>216-TX-3                   | Trench            |        |
| 216-T-22                         | 216-T-22, 241-TX-2 Trench, 216-TX-2 Grave,<br>216-TX-4                   | Trench            |        |
| 216-T-23                         | 216-T-23, 241-TX-3 Trench, 216-TX-3 Grave,<br>216-TX-5, 241-TX-3 Grave   | Trench            |        |
| 216-T-24                         | 216-T-24, 241-TX-4 Trench, 216-TX-4 Grave,<br>216-TX-6                   | Trench            |        |
| 216-T-25                         | 216-T-25, 241-TX-5 Trench, 216-TX-5 Grave,<br>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,<br>361-T-TANK                        | Settling Tank     |        |
| UPR-200-E-7                      | UPR-200-E-7, UN-200-E-7, Cave-In Near<br>219-B-9 (241-B-361 Crib)        | Unplanned Release |        |
| 200-UR-1                         | Ecology                                                                  | RPP               |        |
| 200-E-8                          | 200-E-8, 200 East Trench 94 Diesel Spill                                 | Unplanned Release |        |
| 200-E-26                         | 200-E-26, Heavy Equipment Storage Area,<br>Diesel Fuel Contaminated Soil | Unplanned Release |        |
| 200-E-56                         | 200-E-56, 241-C Waste Line Leak #1                                       | Unplanned Release |        |
| 200-E-57                         | 200-E-57, 241-C Waste Line Leak #2                                       | Unplanned Release |        |
| 200-W-9*                         | 200-W-9, W291 Excavation VCP<br>Contamination                            | Unplanned Release |        |

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Listing by Operable Unit. (Sheet 74 of 81)

| OPERABLE UNIT   | LEAD REGULATORY AGENCY                                                                 |                   |        |
|-----------------|----------------------------------------------------------------------------------------|-------------------|--------|
| Waste Unit Name | Waste Unit Aliases                                                                     | Unit Type         | Status |
| 200-UR-1        | (continued)                                                                            |                   |        |
| 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 |        |
| UPR-200-E-22    | UPR-200-E-22, 291-A-1 Stack Fallout Area, UN-200-E-22,                                 | Unplanned Release |        |
| 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-36    | UPR-200-E-36, Road Contamination North of Semiworks, UN-200-E-36                       | 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-49    | UPR-200-E-49, Roadway Contamination, UN-200-E-49                                       | 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 |        |

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Listing by Operable Unit. (Sheet 75 of 81)

| OPERABLE UNIT   | LEAD REGULATORY AGENCY                                                                                                                                  |                   |        |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------|
| Waste Unit Name | Waste Unit Aliases                                                                                                                                      | Unit Type         | Status |
| 200-UR-1        | (continued)                                                                                                                                             |                   |        |
| UPR-200-E-55    | UPR-200-E-55, UN-200-E-55                                                                                                                               | Unplanned Release |        |
| UPR-200-E-58    | UPR-200-E-58, Contaminated Tumbleweeds found on dirt road, UN-200-E-58                                                                                  | Unplanned Release |        |
| UPR-200-E-60    | UPR-200-E-60, UN-216-E-60, Radioactively Contaminated Dirt Spill, UN-200-E-60                                                                           | 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-63    | UPR-200-E-63, Radioactively Contaminated Tumbleweeds, UN-216-E-63, UN-200-E-63                                                                          | 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-83    | UPR-200-E-83, UN-216-E-11, BC Cribs Controlled Area, UN-200-E-83                                                                                        | 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-90    | UPR-200-E-90, UN-216-E-18, Ground Contamination around B Plant Sand Filter, UN-216-E-90, Radioactive Spill Near 221-B Building, UN-200-E-90             | Unplanned Release |        |
| UPR-200-E-92    | UPR-200-E-92, 216-E-20, UN-216-E-20, UN-216-20, Ground Contamination Outside 200 East Fence, UN-200-E-92, UN-216-E-92                                   | Unplanned Release |        |
| UPR-200-E-93    | UPR-200-E-93, UN-216-E-21 Ground contamination along 200 East Area fence                                                                                | Unplanned Release |        |
| UPR-200-E-97    | UPR-200-E-97, PUREX Railroad Tunnel Contamination, UN-216-E-25, UN-200-E-97                                                                             | Unplanned Release |        |

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Listing by Operable Unit. (Sheet 76 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                               | Unit Type         | Status |
|----------------------------------|--------------------------------------------------------------------------------------------|-------------------|--------|
| <b>200-UR-1</b>                  | (continued)                                                                                |                   |        |
| UPR-200-E-98                     | UPR-200-E-98, UN-216-E-26, Ground Contamination East of C Plant, UN-200-E-98               | 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-112                    | UPR-200-E-112, UN-200-E-112, Contaminated Railroad Track from B-Plant to the Burial Ground | Unplanned Release |        |
| UPR-200-E-114                    | UPR-200-E-114, 202-A Valve Pit, UN-200-E-114                                               | Unplanned Release |        |
| UPR-200-E-140                    | UPR-200-E-140, PCB Oil Spill at 211-B Bulk Chemical Storage Area, UN-200-E-140             | Unplanned Release |        |
| UPR-200-E-141                    | UPR-200-E-141, 2718-E Building Uranyl Nitrate Spill to Ground, UN-200-E-141                | Unplanned Release |        |
| UPR-200-E-142                    | UPR-200-E-142, 202-A Diesel Fuel Spill, UN-200-E-142                                       | Unplanned Release |        |
| UPR-200-E-143                    | UPR-200-E-143, Contamination Adjacent to 244-AR 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 |        |
| UPR-200-N-1                      | UPR-200-N-1, Unplanned release near 212-R railroad spur                                    | Unplanned Release |        |
| UPR-200-N-2                      | UPR-200-N-2, 200-N-2, Unplanned release near Well Pump House No. 2                         | Unplanned Release |        |
| 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-23                     | UPR-200-W-23, Waste Box Fire at 234-5Z, UN-200-W-23                                        | Unplanned Release |        |

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## Appendix C

Listing by Operable Unit. (Sheet 77 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                | Unit Type         | Status |
|----------------------------------|-----------------------------------------------------------------------------|-------------------|--------|
| 200-UR-1                         | (continued)                                                                 |                   |        |
| UPR-200-W-39                     | UPR-200-W-39, UN-200-W-39, 224-U Buried Contamination                       | Unplanned Release |        |
| UPR-200-W-41                     | UPR-200-W-41, Railroad Contamination, UN-200-W-41                           | Unplanned Release |        |
| UPR-200-W-42                     | UPR-200-W-42, Contamination found at 2706-S, UN-200-W-42                    | 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, Contamianted Railroad Track, 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-52                     | UPR-200-W-52, Release from 241-S Diversion Box, UN-200-W-52, UPR-200-W-51   | 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-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 (misassignment of E-W area number), UN-200-W-57 | Unplanned Release |        |
| UPR-200-W-58                     | UPR-200-W-58, Railroad Track Contamination, UN-200-W-58                     | Unplanned Release |        |
| UPR-200-W-60                     | UPR-200-W-60, Railroad Contamination, UN-200-W-60                           | Unplanned Release |        |

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Listing by Operable Unit. (Sheet 78 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                             | Unit Type         | Status |
|----------------------------------|------------------------------------------------------------------------------------------|-------------------|--------|
| 200-UR-1                         | (continued)                                                                              |                   |        |
| UPR-200-W-61                     | UPR-200-W-61, REDOX Ground Contamination, UN-200-W-61                                    | 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-68                     | UPR-200-W-68, Road Contamination, UN-200-W-68                                            | Unplanned Release |        |
| UPR-200-W-69                     | UPR-200-W-69, Railroad Contamination, UN-200-W-69                                        | 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-74                     | UPR-200-W-74, Overground Line Leak at 241-Z, UN-200-W-74                                 | Unplanned Release |        |
| UPR-200-W-75                     | UPR-200-W-75, Contamination Spread at 241-Z, UN-200-W-75                                 | Unplanned Release |        |
| UPR-200-W-77                     | UPR-200-W-77, Contaminated Coyote Feces, UN-200-W-77                                     | 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-83                     | UPR-200-W-83, Radioactive Spill Near 204-S Radiation Zone, UN-216-W-82, UN-200-W-83      | Unplanned Release |        |
| UPR-200-W-85                     | UPR-200-W-85, Radioactive Spill from Multipurpose Transfer Box, UN-216-W-85, UN-200-W-85 | Unplanned Release |        |
| UPR-200-W-86                     | UPR-200-W-86, Contaminated Pigeon Feces at 221-U and 204-S, UN-200-W-86, UN-216-W-86     | Unplanned Release |        |
| UPR-200-W-87                     | UPR-200-W-87, UN-216-W-87, Radioactive Spill from Filter Housing, UN-200-W-87            | Unplanned Release |        |

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Listing by Operable Unit. (Sheet 79 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                                                  | Unit Type         | Status |
|----------------------------------|-----------------------------------------------------------------------------------------------|-------------------|--------|
| <b>200-UR-1</b> (continued)      |                                                                                               |                   |        |
| UPR-200-W-88                     | UPR-200-W-88, Radioactive Spill from UNH Trailer, UN-216-W-88, UN-200-W-88                    | Unplanned Release |        |
| UPR-200-W-89                     | UPR-200-W-89, Radioactive Contamination Southwest of 236-Z Building, UN-216-W-89, UN-200-W-89 | Unplanned Release |        |
| UPR-200-W-90                     | UPR-200-W-90, Radioactive Contamination South of 236-Z Building, UN-216-N-90, UN-200-W-90     | Unplanned Release |        |
| UPR-200-W-91                     | UPR-200-W-91, Radioactive Contamination near 234-5Z Building, UN-216-W-91, UN-200-W-91        | 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-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-5, 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-117                    | UPR-200-W-117, Railroad Track Contamination, UN-216-W-27, UN-200-W-117                        | Unplanned Release |        |
| UPR-200-W-118                    | UPR-200-W-118, Contamination at 211-U, UN-216-W-28, UN-200-W-118                              | Unplanned Release |        |
| UPR-200-W-123                    | UPR-200-W-123, 204-S Unloading Facility Frozen Discharge Line, UN-200-W-123                   | Unplanned Release |        |
| UPR-200-W-127                    | UPR-200-W-127, Liquid Release from 242-S Evaporator to the Ground, UN-200-W-127               | Unplanned Release |        |
| UPR-200-W-159                    | UPR-200-W-159, Caustic Spill at Plutonium Finishing Plant, UN-200-W-159                       | Unplanned Release |        |

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Listing by Operable Unit. (Sheet 80 of 81)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases                             | Unit Type         | Status |
|----------------------------------|--------------------------------------------------------------------------|-------------------|--------|
| 200-UR-1 (continued)             |                                                                          |                   |        |
| 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 |        |
| UPR-600-12                       | UPR-600-12, UN-600-12, UNH Spill to Route 4S                             | Unplanned Release |        |
| UPR-600-21                       | UPR-600-21, Contamination found Northeast of 200 East Area, UN-216-E-31  | Unplanned Release |        |

## Appendix C

Listing by Operable Unit. (Sheet 81 of 81)

### Groundwater Operable Units

| <b>Operable Unit</b> | <b>LeadRegAgency</b> |
|----------------------|----------------------|
| 100-BC-5 (GW O.U.)   | EPA                  |
| 100-FR-3 (GW O.U.)   | EPA                  |
| 100-HR-3 (GW O.U.)   | Ecology              |
| 100-KR-4 (GW O.U.)   | EPA                  |
| 100-NR-2 (GW O.U.)   | Ecology              |
| 200-BP-5 (GW O.U.)   | EPA                  |
| 200-PO-1 (GW O.U.)   | Ecology              |
| 200-UP-1 (GW O.U.)   | Ecology              |
| 200-ZP-1 (GW O.U.)   | EPA                  |
| 300-FF-5 (GW O.U.)   | EPA                  |

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\* 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.

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