OMB Approval 2700-0042

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

| 1. CONTRACT ID CODE | PAGE | OF PAGES |
|---|---|---|
| | 1 | 1 |

| 2. AMENDMENT/MODIFICATION NO. | 3. EFFECTIVE DATE | 4. REQUISITION/PURCHASE REQ. NO. | 5. PROJECT NO. (If applicable) |
|---|---|---|---|
| M205 | See Block 16C | | |

6. ISSUED BY CODE
U.S. Department of Energy
Richland Operations Office
825 Jadwin Avenue, MSIN A7-80
Richland, WA 99352

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)
Fluor Hanford, Inc.
2420 Stevens Center
PO Box 1000
Richland, WA 99352

CODE FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC06-96RL13200

10B. DATED (SEE ITEM 13)
08/06/96

## 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
N/A $0.00

## 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
Mutual Agreement

D. OTHER Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return _2_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The main drivers for the contract changes to Performance Incentives and Statement of Work are as follows:

- The impact of the M-91 negotiations on waste retrieval and treatment milestones/quantities.
- Revisions to the technical path for K-Basin disposition as well as the decision to no longer use the T Plant to store K-Basin sludge.
- Delay in the Nuclear Material consolidation decision (still hasn't been made). This delayed de-inventory of stabilized Plutonium, and D&D of PFP.
- FY04 funding was less than required by the contract (Section B.4). This led to deletion of the cesium/strontium workscope, as well as less work in other areas such as groundwater and U Plant.

Except at provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

| 15A. NAME AND TITLE OF SIGNER (Type or print) | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) | |
|---|---|---|---|
| Ronald G. Gallagher, President and Chief Executive Officer | | Keith A. Klein, Manager | |
| 15B. CONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA | 16C. DATE SIGNED |
| (Signature of person authorized to sign) | 15 June '04 | BY (Signature of Contracting Officer) | 15 June '04 |

# PART I - THE SCHEDULE

## SECTION B
## SUPPLIES OR SERVICES AND PRICES/COST

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## B.1 SERVICES BEING ACQUIRED

The Contractor shall be responsible for planning, managing, integrating, operating and implementing a full range of Hanford programs, projects, and other activities as set forth in Section C. The Contractor shall, in accordance with the terms of this contract, furnish all personnel, facilities, equipment, materials, supplies, and services (except as expressly set forth in this contract as furnished by the Government) and otherwise do all things necessary for, or incident to, performing in an efficient and effective manner all work set forth in Section C, or as may be directed by the Contracting Officer within the scope of this contract.

## B.2 OBLIGATION OF FUNDS

The amount obligated by the Government with respect to this contract is $5,022,671,036.52 as of September 30, 2002. Such amount may be increased unilaterally by DOE Contracting Officer written notice to the Contractor and may be increased or decreased by modification to the contract. Estimated collections from others for work and services to be performed under this contract are not included in the funds currently obligated. Such collections, to the extent actually received by the Contractor, shall be processed and accounted for in accordance with applicable requirements imposed by the DOE Contracting Officer. Nothing in this paragraph is to be construed as authorizing the Contractor to exceed limitations stated in financial plans, such as the Modification of Contract Obligation Notice and Distribution of Obligation Report (for individual orders of work for other DOE offices and non-DOE funded work only), established by DOE and furnished to the Contractor from time to time under this contract, unless written direction is provided by the DOE Contracting Officer.

## B.3 AVAILABILITY OF APPROPRIATED FUNDS

The duties and obligations of the Government calling for the expenditure of appropriated funds shall be subject to the availability of funds appropriated by the Congress, which DOE may legally spend or obligate for such authorized purposes. Any work performed that exceeds funds currently obligated by BNR controls and specific limitations identified in Contract Modifications to Section B.2. and Distribution of Obligation Report (for individual orders of work for other DOE offices and non-DOE funded work only), without the written consent of the DOE Contracting Officer, shall be at the Contractor's risk.

B. Fee

1. Pursuant to the fee schedule above, more or less fee may be paid out in a given year, but in no case shall the paid fee exceed the fee amount in the "Total" column above.

2. Unearned fee that is not forfeited for failures to meet contract or performance-based incentive requirements shall be accrued if appropriate, or recorded as a commitment.

C. Fee Pool Adjustment

If the estimated total funding for a fiscal year in the schedule set forth above in Part A varies from the actual funding by more than plus or minus 10%, or the complexity of the workscope changes significantly, the contracting officer may adjust the total available fee pool for that year based upon the fee curves contained in the Department of Energy Acquisition Regulations.

## B.5 SINGLE FEE

The parties formerly agreed to a single fee pool for the Contractor and its major subcontractors under Clause B.4 of this contract as originally executed. Pursuant to the Contractor's reorganization, the concept of "major subcontractor" as originally proposed is no longer applicable to this contract. The Contractor agrees that it will not charge costs to the contract representing any fee or profit for a subcontractor managing any workscope currently managed by a major subcontractor. These contractors currently are Duke Engineering Services of Hanford, Inc., Numatec Hanford Corporation, Westinghouse Safety Management Solutions (PFP contract) and Duratek Federal Services of Hanford, Inc.

## B.6 OPTION EXERCISE; REDUCTION OF TERM

The term of the contract is extended for an additional five years with a contract completion date of September 30, 2006. However, if, by the end of Fiscal Year 2003, FHI fails to earn 60 percent of the incentive fee available for annual performance based incentives, the comprehensive incentive, and progress payments based on completion dates in the multi-year incentives, then FHI agrees that the term of this contract may be reduced from its current expiration date of September 30, 2006. The new expiration date shall be set at the unilateral discretion of the contracting officer. The parties agree that the contract shall expire on the new date set by the contracting officer, and shall constitute completion of the contract.

The Government's right to set an earlier contract completion date shall be in addition to the Government's rights established under FAR 52.249-6 "Termination (Cost Reimbursement)" located in Section I of this contract.

## B.7 PERFORMANCE BASED INCENTIVE TRANSITION

The Performance Objective, Measures, Expectations and Incentives (PIs) incorporated in Section J, Appendix D of the PHMC through Contract Modification M180, dated April 14, 2003 are cancelled as of March 31, 2004. The PI's incorporated through Contract Modification M205 contain the agreed upon incentives and provisions that carryover from previous PI's.

ORIGINAL

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-011, NM Stabilization and Disposition – PFP**
**Allocated Fee: $54.8M of the fee available in Contract B.4**

**Performance Objective 1: Complete Pu Stabilization and Packaging, legacy Pu holdup removal and PFP de-inventory by 30 September 2006**
**$24M of the fee available in Contract B.4**

**Performance Objective 1a: Complete stabilization & packaging of DNFSB 2000-1 Pu bearing materials by 18 February 2004. COMPLETE**

1) Increments as follows:
   a) $2.5 M for 9 increments of 500 items and 1 increment of 166 items of polycubes and oxides stabilized and packaged. **COMPLETE**
   b) $1.0M upon completion of all polycubes. **COMPLETE**
   c) $5.0M upon completion of all stabilization and packaging of Pu bearing materials by 18 February 2004. **COMPLETE**

**Performance Objective 1b: Complete the deinventory of the PFP DOE-STD-3013 containers and unirradiated fuel by shipping them to Savannah River or other approved location by 30 September 2006.**

1) $1.0M may be earned as progress payment for initial shipment to SRS
2) $3.8M may be earned as progress payment in 8 equal increments for 3013 containers shipped and 2 equal increments for un-irradiated fuel pins and assemblies shipped to SRS.

**Completion Criteria:**

- A SNM shipment is considered complete when the shipment leaves the PFP PA either by SST or commercial shipment.

**Assumptions:**

- None identified.

**Government Furnished Services/Items:**

- DOE will provide authorization to allow shipment of Hanford Pu to SRS to begin by 30 August 2004
- Minimum of 32 SST convoys (3 SSTs per convoy at a rate of 18 convoys between FY 2004 and FY 2005, and 14 convoys in FY 2006) for PFP de-inventory by 15 September 2006 not to exceed more than 3 convoys in one month.
- DOE will provide authorization to allow shipment of un-irradiated fuel pins and assemblies including contaminated driver fuel assemblies in MFFPs to SRS by 30 September 2005. This does not include NRC approval of PFP payload in MFFP SARP.
- SRS will empty MFFP shipping casks and make available for return to Hanford.

**Performance Objective 1c: Remove and disposition plutonium holdup in process equipment at PFP by 30 September 2005**

1) $6.8M may be earned as provisional payment in 10 increments of 10% Pu holdup removed and dispositioned. Provisional payment converts to progress payment upon completion of Pu holdup removal and disposition by 9/30/05. Increments payable as follows:
   a) 10 increments of 10% of Pu holdup removed and dispositioned.
      i) Increment 1-2 at $1M each. **(COMPLETE)**
      ii) Increment 3-6 at $0.6M each.
      iii) Increment 7-10 at $0.6M each.

RL-CO _____ Date 6/14/04

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-011, NM Stabilization and Disposition – PFP**
**Allocated Fee: $54.8M of the fee available in Contract B.4**

**Completion Criteria:**

1) Legacy holdup removal is considered complete when sufficient plutonium holdup has been removed and dispositioned such that the remaining legacy plutonium does not require protected area controls. Disposition is complete when the plutonium has been either stabilized and packaged to meet DOE-STD-3013 and placed in vault storage, or has been prepared and packaged for disposal at WIPP in accordance with Hanford Solid Waste Acceptance Criteria (which incorporates the WIPP Waste Acceptance Criteria), or removed from the PFP protected area, or removed from the Material Control and Accountability (MC&A) records.

**Assumptions:**

- None identified.

**Government Furnished Services/Items:**

- None identified.

**Performance Objective 1d: Disposition miscellaneous nuclear materials stored at PFP**

1) $1.5M may be earned as progress payment in 3 increments as follows:
   a) 1 increment of $0.5M for initial shipment of miscellaneous nuclear material
   b) $1M in 2 increments of $0.5M for disposition of each 50% of remaining miscellaneous nuclear materials

**Completion Criteria:**

- Materials to be dispositioned are the following at PFP as of 1 May 2004:
  - HEU fuel pins
  - Sodium bonded fuel
  - Potentially NaK bonded fuel
  - Pu-Be sources
  - Am-Be sources
  - Pu-238 sources
  - Surplus californium items
  - Surplus thorium items
  - Surplus strontium items
  - Surplus neptunium items
  - Surplus selenium items
  - Surplus rubidium items
  - Surplus uranium items (excluding U-233)
  - Surplus U-233 items
  - Surplus americium items (excluding Am-Be)
  - Sources/standards not needed to support D&D of PFP
- Disposition of the nuclear material listed above is considered complete when the materials/fuel have been removed from the Protected Area and dispositioned as waste or shipped to another site/facility. Sources and standards that are needed for D&D are not included.

**Assumptions:**

- None identified

**Government Furnished Services/Items:**

- None identified

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-011, NM Stabilization and Disposition – PFP**
**Allocated Fee: $54.8M of the fee available in Contract B.4**

**Performance Objective 1e: Remove remaining SNM from PFP such that safeguards and security controls for a protected area are no longer required.**

1) $2.4M may be earned as progress payment in 3 increments as follows:
   a. $1M upon completion of shipment of LAMPRE fuel,
   b. $1M upon completion of shipment of slightly irradiated FFTF fuel
   c. $0.4M upon completion of removal of remaining SNM from PFP such that special access and safeguards and security controls for the PFP protected area are no longer required as determined by a security risk assessment or equivalent. Limited area "islands" will be used and are acceptable for the protection of information and any remaining SNM at PFP.

**Completion Criteria:**

- Shipment of LAMPRE and slightly irradiated fuel is considered complete when the shipment leaves the PFP PA and accountability is transferred to the receiving organization. Removal of remaining SNM from PFP is complete when special access and safeguards and security controls for the PFP protected area are no longer required as determined by a security risk assessment or equivalent. Limited area "islands" will be used and are acceptable for the protection of information and any remaining SNM at PFP. Provide documentation showing that the remaining nuclear material at PFP no longer requires a protected area per the DOE Orders. Actual elimination of the PFP PA controls is not required as part of this performance incentive.

**Assumption**

- None identified

**Government Furnished Services/Items**

- Approved Safeguards and Security waivers for the CSB as follows: 1) protected area, 2) secondary alarm station, and 3) material control and accountability associated with the storage of Category I special nuclear materials within 90 days of submittal.

**Performance Objective 2: Demolish PFP consistent with the Action Memoranda (AM)**
**$30.797M of the fee available in Contract Clause B.4**

**Performance Objective 2a: Transition facilities at PFP per the PFP Complex End Point Criteria and in accordance with applicable TPA milestones**

1) $0.5M may be earned as progress payments in 2 equal increments of $0.25M each upon demolition of ten PFP facilities at PFP to slab-on-grade by 30 September 2005.
2) $2.0M may be earned as progress payments upon demolition of the highly contaminated 232-Z Pu waste incinerator facility to slab-on-grade by 31 March 2006.

**Completion Criteria:**

1) Transition of facilities is complete when the facility specific end point criteria have been met and signed off as complete except the contamination control cap may be omitted provided contamination control is provided per Hanford Site criteria. Omission of the contamination control cap allows the economical installation of final contamination control caps at the end of the project. The 10 facilities to be transitioned are MO-834, MO-839, MO-264 (excessed), 234-ZB, 234-ZC, 241-ZB, 2731-Z, 2735-Z, 2902-Z, and 2904-ZA. Substitution of other buildings on the DOE-HQ gold metrics nuclear facilities list is allowed for the listed facilities not required to be removed for Design Basis Threat requirements.

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-011, NM Stabilization and Disposition – PFP**
**Allocated Fee: $54.8M of the fee available in Contract B.4**

2) Transition of 232-Z is complete when the facility specific end point criteria have been met consistent with the Action Memorandum and signed off complete except the contamination control cap may be omitted provided contamination control is provided per Hanford Site criteria.

**Assumptions:**

- None identified.

**Government Furnished Services/Items:**

- None identified.

**Performance Objective 2b: Complete decontamination or removal of the highest hazard Pu process and waste handling equipment and systems by 30 September 2006**

1) $3.6M may be earned as progress payment upon isolation of the 241-Z high-level waste storage tank facility from the underground transfer line to Tank Farms in accordance with TPA milestone M-83-31 by 30 June 2005.
2) $0.3M may be earned as progress payment upon transition of the 241-Z/ZA high-level waste storage tank facility to demolition ready by 30 September 2006.
3) a) $3.0M may be earned as progress payment upon removal or decontamination to low-level waste criteria pencil tanks in the highly contaminated 236-Z Pu Reclamation Facility by 30 September 2006. Fee is payable in 4 increments of 11 pencil tanks each. Increments 1-2 at $1M each. Increments 3-4 at $0.5M each.
   b) $2.5M may be earned as progress payment in 2 increments upon removal or decontamination to low-level waste process equipment in the highly contaminated 236-Z Pu Reclamation Facility by 30 September 2006, as follows:
      i) $1.0M upon completion of removal or decontamination to low-level waste process equipment in room 50 and 60
      ii) $1.5M upon completion of removal or decontamination to low-level waste of the remaining process equipment
4) $16M may be earned as 10 equal payments in 10% increments for removal or decontamination to low-level waste criteria of 189 Pu contaminated gloveboxes and hoods in 234-5Z Pu processing facility by 30 September 2006. First five increments will provisional payments and the 2nd five increments will be progress payments. Provisional payments convert to progress payment upon completion of the 5th increment.
5) $2M may be earned as progress payment, in 2 increments as follows:
   a) $0.5M for initial entry and characterization of 242-Z
   b) $1.5M upon completion of the clean out of Pu and Americium contaminated gloveboxes and contaminated chemical processing tanks in the highly contaminated 242-Z Americium extraction facility if completed by 30 September 2006
6) ~~$0.297M may be earned as progress payment for completion of Area 6.1, Chemical Make-up Rooms 336 & 337 (23 chemical storage tanks) under the original PI.~~ – **COMPLETE**
7) $0.1M may be earned as progress payment upon completion of size reduction and disposition or decontamination of LLW HA-20MB glovebox by 31 March 2006.
8) $0.5M may be earned as progress payment upon disposition of approximately 600 contaminated plutonium nitrate solution storage containers located at PFP by 30 September 2006. Fee is payable in 4 increments of 25% at $0.125M per increment.

**Completion Criteria:**

1) 241-Z isolation is complete when the TPA milestone has been met.
2) 241-Z/ZA is considered ready for demolition when the facility has been isolated from Tank Farms and

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-011, NM Stabilization and Disposition – PFP**
**Allocated Fee: $54.8M of the fee available in Contract B.4**

all incoming feeds, waste tanks and associated piping within the vaults have been dispositioned in accordance with the 241-Z/ZA Closure Plan or EE/CA and Action Memorandum, contamination has been fixed, all utilities have been isolated, and permits are in place to initiate demolition of the above grade structure. The final filters and stack may remain operational in support of surveillance and maintenance and demolition activities.

3) 236-Z
   a) 236-Z Pencil tank removal or decontamination is considered complete when pencil tanks have been removed or decontaminated to LLW criteria. Resultant waste has been packaged and dispositioned per the Hanford Waste Acceptance Criteria.
   b) 236-Z Process Equipment is considered complete when gloveboxes, tanks, pipes, and ducts that were designed as primary confinement of plutonium have been removed or decontaminated to LLW criteria for removal as part of the building rubble to be dispositioned at ERDF as low-level waste or per agreed upon endpoint. The final filters and stacks may remain operational in support of surveillance and maintenance and demolition activities.
4) 234-5Z Glovebox and hood removal is considered complete when the glovebox and hood have been removed and dispositioned as waste per the Hanford Waste Acceptance Criteria or the glovebox and hood and remaining equipment and components inside the glovebox and hood have been determined to be LLW.
5) 242-Z Cleanout
   a) Initial entry and characterization is considered complete when the initial entry is made, safety system conditions are identified and safety systems are confirmed to be operable or made operable
   b) 242-Z Cleanout is considered complete when chemical feed lines are gravity drained to where they enter the glovebox/process tank, tanks meet the RCRA definition of "empty," and gloveboxes have had SNM and ion exchange columns removed to allow the glovebox to be size reduced for later disposal.
6) Chemical Make-up Rooms 336 & 337 are considered complete per the completion criteria in Performance Incentive S-5, 6.I, as transmitted in contract modification 166. **COMPLETE.**
7) HA-20MB glovebox is complete when the HA-20MB Closure Plan has been met.
8) Solution Storage container disposal is considered complete when all used plutonium solution containers at PFP have been packaged and dispositioned per the Hanford Waste Acceptance Criteria and removed from the PA.

**Assumptions:**

- None identified.

**Government Furnished Services/Items:**

- None Identified.

**Signatures**

| | |
|---|---|
| R. G. Gallagher, President & Chief Executive Officer<br>Fluor Hanford, Inc. | 15 June '04<br>Date |
| K.A. Klein, Manager<br>Richland Operations Office | 6/15/04<br>Date |

RL-CO _____ Date 6/14/04

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-012, SNF Stabilization and Disposition**
**Allocated Fee: $46.7M of the fee available in Contract Clause B.4**

**Performance Objective 1: Deactivate and Remove K Basins**

**Performance Objective 1a: Remove SNF from K Basins**
**$9.0M of the fee available in Contract Clause B.4**

Removal of the K-East Basin fuel enables removal of associated sludge and water, thus eliminating a major environmental risk to the Columbia River. Removal of the fuel from K-West Basin to the 200 Area Plateau moves highly radioactive material away from the river and enables the K-West Basin to be decommissioned, thus reducing the risk of contaminant release to the environment in the event of a basin leak.

1) $2.0M may be earned as provisional payment in 10 Increments of 360 fuel canisters transferred from K-East to K-West as follows:
   a) Increment 1-2 at $500K each. **COMPLETE**
   b) Increment 3-6 at $200K each. **COMPLETE**
   c) Increment 7-9 at $50K each **COMPLETE**
   d) Increment 10 at $50K each

   This provisional payment shall convert to progress payment upon completion of permanent removal of water from K-East Basin by 31 January 2006.
2) $5.0M may be earned as progress payments in 9 increments of 113 MTHM and 1 final increment of remaining MTHM of SNF moved from K-West.
   a) Increments 1-7 at $500K each. **COMPLETE**
   b) Increments 8-10 at $500K each
3) $2.0M may be earned as progress payments in 4 increments of 80 MCOs and 1 final increment of 80 plus MCOs welded and stored in CSB in final configuration.
   a) Increments 1-2 at $400K each. **COMPLETE**
   b) Increments 3-5 at $400K each.

**Completion Criteria:**

1) All spent nuclear fuel removed from the K-East Basin (excluding fuel fragments that may be discovered during subsequent sludge removal).
2) All spent nuclear fuel removed from the K-West Basin (excluding fuel fragments that may be discovered during subsequent sludge removal).
3) MCOs stored in Canister Storage Building, welded and in final configuration ready for transfer to national geologic repository. Included are only the MCOs containing K Basins fuel and the Shippingport Spent Fuel Containers (SSFCs) containing the Shippingport PWR fuel removed from T-Plant. Excluded is the final welding of the MCOs designated in the MCO Monitoring Plan, SNF-5536, for long-term monitoring.

**Assumptions:**

- None identified

**Government Furnished Services/Items:**

- None identified

**Performance Objective 1b: Remove and Treat K Basin Sludge**
**$20M of the fee available in Contract Clause B.4**

1) $4M may be earned as progress payment upon transfer of K-East sludge into containers in K-West by 31 July 2005, linearly decreasing to $0 by 30 October 2005. The K-East Basin has leaked in the past, resulting in releases to the soil column only 400 feet from the Columbia River. Removing the sludge from K-East and transferring it to containers in K-West will allow for expedited D&D of the K-East Basin and elimination of the mobile source term (i.e., contaminated water, unfixed contamination on structures and equipment) within the K-East Basin.

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-012, SNF Stabilization and Disposition**
**Allocated Fee: $46.7M of the fee available in Contract Clause B.4**

2) $2M may be earned as a progress payment upon the retrieval and treatment of 1 $m^3$ of sludge to a WIPP certifiable waste form.
3) $4M may be earned in two equal increments upon removal of found fuel and fuel scrap from K Basins. Removal of fuel pieces found during sludge containerizations allows for the basins water to be removed and the basins to undergo D&D.
   a) $2M may be earned as provisional payment upon transfer of found fuel and fuel scrap from KE to KW by 31 July 2005.
   b) $2M may be earned as progress payment and the provisional payment shall convert to progress payment upon removal of found fuel and fuel scrap from KW by 30 September 2006.
4) $10M may be earned as progress payment upon commencement of floor and canister sludge treatment into the current draft WIPP certifiable waste form by 30 March 2006, linearly declining to $8M on 30 September 2006. Accelerates sludge treatment by over 12 years and eliminates long term storage and processing at T-Plant and the associated costs and risk of release. Allows for earlier closure of T-Plant.

**Completion Criteria:**

1) Sludge removed from K-East Basin as required to allow removal of the basin as a low-level waste (consistent with sludge end-point criteria contained within HNF-20632 [draft] "End-Point Criteria for K Basin Interim Remedial Action").
2) An initial quantity of sludge will be retrieved from K Basins and treated to a waste form "certifiable" under the WIPP WAC.
3) Found fuel and scrap removed from K Basins packaged in MCOs, and the loaded MCOs processed through the CVD facility and shipped to the CSB.
4) Sludge treatment is considered to have commenced following processing of the first 50 remote handled waste packages into a waste form that is certifiable under the draft RH-TRU WIPP WAC. The sludge treatment systems are capable of treating each sludge form.

**Assumptions:**

- None identified.

**Government Furnished Services/Items:**

- Review and respond to MC&A Plan and Deviation Request for the current sludge disposition path within 45 days of submittal.

**Performance Objective 1c: Deactivate, Immobilize or Encapsulate, De-water, and Remove K-East Basin; and initiate Deactivation and Removal of K-West Basin**
**$17.7M of the fee available in Contract Clause B.4**

1) $3M may be earned as provisional payment upon completion of permanent water removal from K-East Basin, payable in 2 increments as follows:
   a) $1M may be earned as provisional payment for risk reduction achieved by initiating permanent water removal from the K-East Basin.
   b) $2M may be earned as provisional payment upon completion of permanent water removal from K-East Basin.

   The provisional payment shall convert to progress payment upon completion of Performance Objective 2b below.
2) $3.2M may be earned as progress payments for removal, immobilization or encapsulation of K-East Basin contamination as follows:
   a) $1M may be earned upon achievement of risk reduction by immobilizing or encapsulating the construction joint, the location of past basin water leakage, in the K-East Basin Discharge Chute by 30 December 2004.

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-012, SNF Stabilization and Disposition**
**Allocated Fee: $46.7M of the fee available in Contract Clause B.4**

b) $2.2M may be earned upon decontamination or immobilization of contamination, and encapsulation of all 3 K-East Basin Bays by 28 February 2006.

3) $7.5M may be earned as progress payment upon completion of removal and transport of the K-East Basin to ERDF payable in 3 increments as follows:
   a) $1M may be earned for removal of K-East Basin superstructure by 30 June 2006, linearly decreasing to $0 by 31 July 2006.
   b) $1M may be earned for removal of the first encapsulated K-East Basin section by 31 July 2006, linearly decreasing to $0 by 31 August 2006.
   c) $5.5M may be earned for removal of the final K-East Basin sections to ERDF by 30 September 2006.
4) $4M may be earned as progress payment upon removal, encapsulation or immobilization of K-West Basin contamination, payable in 3 increments as follows:
   a) $1M upon immobilization or encapsulation of the K-West Basin discharge chute and associated water removal by 31 December 2005.
   b) $1M upon removal of contaminated Fuel Canisters to support technical basis for D&D from the K-West Basin (source term and risk reduction) by 31 January 2006, linearly decreasing to $0 by 1 March 2006.
   c) $2M upon decontamination or immobilization of 7,600 $ft^2$ of the K-West Basin walls by 31 August 2006, linearly decreasing to $0 by 30 September 2006.

**Completion Criteria:**

1) Water from K-East Basin removed and transferred to the 200 Area Effluent Treatment Facility (ETF) or equivalent approved disposition.
   Water removal is completed when the last tanker truck leaves the K Basins for ETF or other permanent removal disposition.
2) K-East Basin debris and contamination removed or immobilized, only to the extent necessary to meet ERDF WAC, (consistent with basin end-point criteria contained within HNF-20632 [draft] "End-Point Criteria for K Basin Interim Remedial Action").
   a) Immobilization or encapsulation of K-East Basin discharge chute is completed when concrete/grout placement is complete and cured for 7 days.
   b) Immobilization or encapsulation of all 3 K-East Basin bays is complete when concrete/grout placement is complete and cured for 7 days.
3) K-East Basin removed and transported to the Environmental Restoration Disposal Facility (ERDF), consistent with existing CERCLA Records of Decision.
   a) Completion of superstructure removal is when K-East superstructure is demolished and delivered to ERDF for subsequent disposal.
   b) Removal of the K-East Basin sections is initiated by the removal of the first section and delivery to ERDF.
   c) Completion is when the last K Basin section is delivered to a suitable location at ERDF. Only the engineered structures will be removed; the excavation at 105-K-East will not be backfilled.
4) Removal, encapsulation or immobilization of K-West Basin.
   a) Immobilization or encapsulation of K-West Basin discharge chute is completed when concrete/grout placement is complete and cured for 7 days. Water removal from the K-West Basin is initiated when the first water tanker truck is filled and shipped to ETF or other permanent removal disposition.
   b) Contaminated fuel canister removal is completed when sufficient canisters have been removed to allow K Basin encapsulation to meet ERDF WAC.
   c) Decontamination of basin walls shall be considered earned upon completion of 7,600 $ft^2$ of the circumferential surface area. Area decontaminated must be sufficient to allow K Basin dewatering

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-012, SNF Stabilization and Disposition**
**Allocated Fee: $46.7M of the fee available in Contract Clause B.4**

to support D&D. Walls to be decontaminated to approximately the same level around the circumference to support subsequent lowering of water level.

**Assumptions:**

- None identified.

**Government Furnished Services/Items:**

- None identified.

**Signatures**

R. G. Gallagher, President & Chief Executive Officer
Fluor Hanford, Inc.

15 June '04
Date

K.A. Klein, Manager
Richland Operations Office

6/15/04
Date

RL-CO _____ Date 6/14/04

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-013-1 Solid Waste Stabilization and Disposition – 200 Area (TRU Shipment)**
**Allocated Fee: $13.5M of the fee available in Contract Clause B.4**

**Performance Objective 1:** **Reduce the risk of continued interim storage by shipping TRU waste for permanent disposal in the geologic repository**
**$13.5M of the fee available in Contract Clause B.4**

**Performance Objective 1a: Ship TRU to WIPP**

$13.5M may be earned as progress payment as follows:

1) $0.8M for shipment of 256 $m^3$ of TRU waste (COMPLETE)
2) $11.2M for shipment of an additional 2144 $m^3$ of TRU waste in 8 increments of 268 $m^3$ of TRU waste.
3) An additional $0.5M may be earned as progress payment if 2,400 $m^3$ of TRU waste cumulatively is completed by 31 March 2006, linearly declining to $0 on 30 June 2006.
4) $1M for shipment of an additional 500 $m^3$ of TRU waste (2,900 $m^3$ of TRU waste cumulatively) by 30 September 2006.

**Completion Criteria:**

- Ship TRU to WIPP
  - Shipment is defined as complete upon departure of the waste from the Hanford Site. Transportation may be accomplished either by truck or rail.
  - If volume reduction is utilized for packaging of the TRU waste, the pre-packaging volume may be utilized for completion of this Performance Incentive. For example, if five 55-gallon drums of transuranic waste are compacted and packaged in an 85-gallon over-pack drum, then one cubic meter of transuranic waste may be counted for certification.
  - Meet all acceptance criteria for WIPP.
  - One cubic meter ($m^3$) of TRU is defined as five 55-gallon drums or three 85-gallon drums.
  - One standard waste box is defined as 1.8 $m^3$ of TRU.

**Assumptions:**

- None identified.

**Government Furnished Services/Items:**

- DOE provides TRUPACT shipping casks, trailers, drivers, TRUPACT spare parts to perform an average of 8 shipments per month in FY 2004 with a maximum of 16 and an average of 18 shipments per month in FY 2005 and FY 2006 with a maximum of 24.

**Signatures**

| | |
|---|---|
| R. G. Gallagher, President & Chief Executive Officer<br>Fluor Hanford | 15 June 04<br>Date |
| K.A. Klein, Manager<br>Richland Operations Office | 6/15/04<br>Date |

RL-CO _____ Date 6/14/04

ORIGINAL

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-013-2 Solid Waste Stabilization and Disposition – 200 Area (Treat/Dispose MLLW and Retrieve Suspect TRU)**
**Allocated Fee: $28.1M of the fee available in Contract Clause B.4**

**Performance Objective 1: Reduce the risk of interim storage by treating and/or disposing of Mixed Low-Level Waste (MLLW)**
**$10.389M of the fee available in Contract Clause B.4**

**Performance Objective 1a: Treat and/or Dispose Mixed Low-Level Waste**

$10.389M may be earned as progress payments as follows:

1) $1.6M for 2544 $m^3$ of MLLW (COMPLETE). 2000 $m^3$ completed under this performance expectation counts towards the cumulative 5,600m3
2) $6.4M for treatment and/or disposition of an additional 2,480 $m^3$ of MLLW in 8 increments of 310 $m^3$ of MLLW.
3) An additional $.589M may be earned as progress payment if 4,480 $m^3$ of MLLW cumulatively is completed by 31 March 2006, linearly declining to $0 on 30 June 2006.
4) $1.8M for treatment and/or disposition of an additional 1,120 $m^3$ of MLLW (5,600 $m^3$ of MLLW cumulatively) by 30 September 2006

**Completion Criteria:**

- Treat and/or dispose Mixed Low-Level Waste
  - Mixed Low-Level Waste that has been treated by the generator may be directly disposed and counted towards the required volumes of this Performance Incentive.
  - Volumes under this Performance Incentive are pretreatment volumes and consistent with M-91 milestones.
  - Waste currently categorized as MLLW, and in storage, may be counted towards the required volumes of this Performance Incentive if regulatory requirements for disposal are met.
  - Decommissioned Naval Reactor Compartments may not be counted towards the required volumes of this Performance Incentive.

**Assumptions:**

- None identified.

**Government Furnished Services/Items:**

- None identified.

**Performance Objective 2: Remove the threat of release to the environment (including groundwater) by retrieving suspect TRU (below ground)**
**$17.711M of the fee available in Contract Clause B.4**

$17.711M may be earned as progress payments as follows:

1) $0.211M for 160 $m^3$ of suspect TRU. (COMPLETED)
2) $13.2M retrieval of an additional 3,040$m^3$ of suspect TRU in 8 increments of 380 $m^3$.
3) An additional $0.5M may be earned as progress payment if 3,200 $m^3$ of suspect TRU cumulatively is completed by 31 March 2006, linearly declining to $0 on 30 June 2006.
4) $3M for retrieval of an additional 1,000 $m^3$ (4,200 $m^3$ cumulatively) by 30 September 2006
5) $0.4M upon completion of a test dig in Burial Ground 218-E-12B by 30 September 2005.
6) $0.4M upon completion of a test dig in Burial Ground 218-W-3A by 31 March 2006.

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-013-2 Solid Waste Stabilization and Disposition – 200 Area (Treat/Dispose MLLW and Retrieve Suspect TRU)**
**Allocated Fee: $28.1M of the fee available in Contract Clause B.4**

**Completion Criteria:**

- Retrieve suspect TRU from those locations as defined in the Settlement Agreement.
  - Retrieval is defined as removing the drums or boxes from the stack, making a determination as to TRU or non-TRU, performing designation, and transportation to a TSD or other compliant disposal facility. For purposes of completing this Performance Incentive, TRU and TRUM (TRU Mixed) are considered synonymous.
  - Retrieved volumes from test digs are 10 $m^3$ from Burial Ground 12B and 10 $m^3$ from Burial Ground 3A. Alternative techniques that meet data quality objectives may be substituted for excavation with RL approval.
- Test dig must provide useable evidence as defined in an RL approved Data Quality Objective (DQO) document to determine condition of buried waste.

**Assumptions:**

- None identified.

**Government Furnished Services/Items:**

- None identified.

**Signatures**

| | |
|---|---|
| R. G. Gallagher, President & Chief Executive Officer<br>Fluor Hanford | 15 June '04<br>Date |
| K.A. Klein, Manager<br>Richland Operations Office | 6/15/04<br>Date |

RL-CO _____ Date 6/14/04

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-030 Soil and Water Remediation – GWVZ Nuclear Facility**
**Allocated Fee: $9.6M of the fee available in Contract Clause B.4**

**Performance Objective 1: Implement Groundwater Remedies**
**$6.1M of the fee available in Contract Clause B.4**

**Performance Objective 1a: Implement Groundwater Remedies**
$6.1M may be earned as progress payment upon implementation of the groundwater remedies to address compliance with Record of Decision to reduce/eliminate risks of strontium-90, chromium, technetium-99, uranium, and carbon tetrachloride to human health and the environment by 30 September 2006.

1) $0.75M for 100-HR-3 (H Area):
   a) $.6M upon attainment of remedial action objectives (RAOs), as specified in the existing Record of Decision, for chromium at 100-HR-3 (H Area) by 31 March 2006.
   b) $.15M upon completion of active remediation at 100-HR-3 (H Area) by 30 September 2006.
2) $0.75M for 200-UP-1:
   a) $0.6M upon attainment of remedial action objectives (RAOs), as specified in the existing Record of Decision, for uranium and technetium 99 at 200-UP-1 by 31 March 2006.
   b) $0.150M upon completion of active remediation at 200-UP-1 by 30 September 2006.
3) $1.3M for 100-NR-2:
   a) $0.15M upon completion of active remediation of 100-NR-2 by 30 March 2006.
   b) $1.15M upon installation of a sequestration barrier at 100-NR-2 by 30 September 2006.
4) $1.65M for 100-HR-3D (D Area) upon expansion of the pump and treat system to capture the high concentration portion (>22 ppb) of the chromium as required in the Record of Decision by 31 March 2006.
5) $1.65M for 200-ZP-1 upon expansion of the pump and treat system to capture the high concentration portion (>2000 ppb) of the carbon tetrachloride plume as required in the Record of Decision by 31 March 2006.

**Completion Criteria:**

Implement groundwater remedies to address compliance with Record of Decision to reduce/eliminate risks of strontium-90, chromium, technetium-99, uranium, and carbon tetrachloride to human health and the environment by 30 September 2006.

1) For 100-HR-3:
   a) Complete the groundwater remedies by meeting the remedial action objective for reducing concentrations as described in the interim action Record of Decisions for 100-HR-3 (H Area). The Remedial Design Report and Remedial Action Work Plan for the 100-HR-3 and 100-KR-4 Groundwater Operable Units' Interim Action DOE/RL-96-84 Rev. 0 provides the criteria for successful completion of the interim action at the 100-H Area
   b) Completion of active remediation for 100-HR-3 (H Area) will be considered performed upon removal of the power source for the extraction wells after the remedial action objective has been met.
2) For 200-UP-1:
   a) Complete the groundwater remedies by meeting the remedial action objective for reducing concentrations as described in the interim action Record of Decisions for 200-UP-1. This performance incentive for 200-UP-1 will be considered having been met when concentrations of Tc-99 and uranium have been successfully reduced to below action levels (Tc-99: 9,000 pCi/L and U: 480 ug/L) specified in the 200-UP-1 Interim Record of Decision for a minimum period of one year.
   b) Completion of active remediation of 200-UP-1 will be considered performed upon removal of the power source for the extraction wells after remedial action objectives have been met.

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-030 Soil and Water Remediation – GWVZ Nuclear Facility**
**Allocated Fee: $9.6M of the fee available in Contract Clause B.4**

3) For 100-NR-2:
   a) Completion of active remediation of100-NR-2 will be done with the removal of clinoptilite from the treatment vessels and the removal of the power source for the extraction wells.
   b) Complete installation of a 300-foot barrier.
4) For 100-D:
   - Complete the expansion of the pump and treat system by constructing/tying in additional wells compliant with the DOE-approved capture zone analysis.
5) For 200-ZP-1:
   - Complete the expansion of the pump and treat system by constructing/tying in additional wells compliant with the DOE-approved capture zone analysis.

**Assumptions:**

- None identified.

**Government Furnished Services/Items:**

- None identified

**Performance Objective 2: Eliminate Natural and Artificial Recharge**
**$2.5M of the fee available in Contract Clause B.4**

1) $0.3M may be earned as progress payment upon completion of the Central Plateau water run-on/run-off controls for high risk waste sites to limit driving contamination to the aquifer by 31 March 2006.
2) $1.75M may be earned as progress payment upon decommissioning of 520 high priority Central Plateau wells to eliminate the potential rapid movement and flushing of contaminants to the groundwater by 30 September 2006 as follows:
   a) $0.5M may be earned upon decommissioning 70 high-risk, high priority wells by 30 September 2005.
   b) $0.75M may be earned upon decommissioning, 270 high priority wells in 3 increments of 90, to support Central Plateau area closures by 31 March 2006.
   c) $0.5M may be earned upon decommissioning, an additional 180 high priority wells in 2 increments of 90, to support Central Plateau area closures by 30 September 2006.
3) $0.45M may be earned as progress payment upon completion of twelve Central Plateau water system renovations and elimination of the U Plant septic system discharges by 30 September 2006.

**Completion Criteria:**

a) Complete regrading, berming, and/or channeling measures to control surface water run-on/run-off at and around high-risk waste sites.
b) Decommission 520 high priority wells, which are closest to waste sites and of poor construction (and/or are geographically in proximity to such wells and support a regional closure, optimization approach), in accordance with Washington Administrative Code. Completion of Webster or "Webster type" wells and all other wells will be documented with field activity reports and submission of decommissioning documentation to State Department of Ecology.
c) Complete the following Central Plateau water system renovations by installing, refurbishing, replacing, or isolating (cut and cap water lines) to eliminate recharge to the groundwater:
   - S-Plant water supply lines S of 16th and N of 19th (L-341)
   - 242-A Evaporator/Canton Street waterline upgrade (L-388)
   - Automate 182-B export water pumps (L-412)
   - 200 East Area raw water reservoir (L-317)
   - 20 inch South "A" Farm raw water supply line in 200 East (L-352)
   - 8 inch North "A" Farm raw water supply line in 200 East (L-353)

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**
**Rev. 0, June 14, 2004**
**PBS: RL-030 Soil and Water Remediation – GWVZ Nuclear Facility**
**Allocated Fee: $9.6M of the fee available in Contract Clause B.4**

- 10 inch B-Plant potable water supply line in 200 East (L-398)
- 200 West Area reservoir (L-311)
- 20 inch S-Labs raw water supply line in 200 West (L-397)
- 12 inch T-Plant potable water supply line in 200 West (L-399)
- 14" 242S raw water supply line in 200 West (L-355)
- U Plant Area water lines (L-441)

• Complete upgrades to eliminate U Plant Area septic system discharges (L-442)

**Assumptions:**

• None identified.

**Government Furnished Services/Items:**

• None identified.

**Performance Objective 3: Ensure the protectiveness of remedial actions**
**$1M of the fee available in Contract Clause B.4**

EPA and Ecology agreed installation of 60 monitoring wells with multiple uses (RCRA compliance, CERCLA characterization, remediation monitoring) would bring the monitoring well network into compliance and would not required the 240 wells requested by them. This results in costing saving to the government of ~$36M. (Based on an estimated average installation cost of ~$200K per well (180 wells times $200K = ~$36M)).

$1M may be earned as progress payment upon completion of early detection groundwater monitoring network wells in accordance with approved regulatory decision documents by 31 December 2005 as follows:

- $.5M upon completion of 30 wells.
- $.5M upon completion of an additional 30 wells (cumulative 60 wells).

**Completion Criteria:**

• Completion of wells identified in the TPA Milestone M-24-57.
  - Complete integrated groundwater monitoring system.
  - Certify that the wells are sample-ready and are in accordance with the Data Quality Objectives Summary Report for Establishing a RCRA/CERCLA Integrated 200 West and 200 East Area Groundwater Monitoring Network, CP-15329, Rev. 0, March 2003.

**Assumptions:**

• None identified.

**Government Furnished Services/Items:**

• None identified.

**Signatures**

R. G. Gallagher, President & Chief Executive Officer
Fluor Hanford, Inc.

15 June '04
Date

K.A. Klein, Manager
Richland Operations Office

6/15/04
Date

RL-CO _____ Date 6/14/04

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-040 Nuclear Facility D&D – Remainder of Hanford**
**Allocated Fee: $12M of the fee available in Contract Clause B.4**

**Performance Objective 1: Remediate High Risk Waste Sites and Shrink Contaminated Areas**
**$6M of the fee available in Contract Clause B.4**

**Performance Objective 1a: Remediate U Plant area waste sites**
$3.1M may be earned as progress payment upon remediation of U Plant area waste sites to reduce/eliminate risks of uranium and technetium-99 to human health and the environment as follows:

1) $3.1M may be earned as progress payment in 4 equal increment of $0.775M upon the remediation of four U Plant area high risk waste sites (216-U-1, 216-U-2, 216-U-8, and 216-U-12 Cribs) in the U Plant Regional Closure Area as identified in the waste site proposed plan (DOE/RL-2003-24) by 30 September 2006.

**Completion Criteria:**

1a: Remediate U Plant area waste sites

- Complete the remediation of U Plant area waste sites to reduce/eliminate risks of uranium and technetium-99 to human health and the environment.
- Remediate four high risk waste sites (216-U-1, 216-U-2, 216-U-8, 216-U-12) in the U Plant Area that are outside the proposed environmental cap to be placed over the 221-U facility and ancillary facility debris (DOE-RL 2001-11, Final Feasibility Study for the Canyon Disposition Initiative (CDI), 221-U Facility). Remediation means installation of remedy in accordance with U Plant Area Waste Sites Record of Decision. Waste site remediation does not include final backfilling and re-vegetation or verification/closeout sampling. Remaining activities will be as identified in Rev. 0 of the RDR/RAWP.

**Assumptions:**

- None identified.

**Government Furnished Services/Items:**

- None identified.

**Performance Objective 1b: Remediate BC Cribs and Trenches**

1) $2.9M may be earned as progress payment in two equal increments of $1.45M upon remediation of BC Cribs and Trenches to reduce/eliminate risks of nitrate, technetium-99, cesium-137, and strontium-90 to human health and the environment by completing at least two of the following waste site groupings by 30 September 2006.
   - Cribs 216-B-14 through 216-B-19, includes 216-E-14 Siphon Tank
   - Trenches 216-B-20 through 216-B-22
   - Trenches 216-B-23 through 216-B-28 and 216-B-52
   - Trenches 216-B-29 through 216-B-34

**Completion Criteria:**

1b: Remediate BC Cribs and Trenches

- Complete the remediation of BC Cribs and Trenches to reduce/eliminate risks of nitrate, technetium-99, cesium-137, and strontium-90 to human health and the environment.
- Complete BC Cribs and Trenches Area cribs, trenches and pipeline remediation in accordance with the proposed plan (DOE/RL-2004-10) and the Records of Decision. Remediation of waste sites means completion of all protective measures (e.g., installation of engineered barriers) in accordance with the applicable Record of Decision. Waste site remediation does not include final backfilling and re-vegetation or verification/closeout sampling. Remaining activities will be as identified in Rev. 0 of the RDR/RAWP.

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-040 Nuclear Facility D&D – Remainder of Hanford**
**Allocated Fee: $12M of the fee available in Contract Clause B.4**

**Assumptions:**

- None identified.

**Government Furnished Services/Items:**

- None identified.

**Performance Objective 2: Disposition Excess Hazardous Facilities by 30 September 2006**
**$6M of the fee available in Contract Clause B.4**

**Performance Objective 2a: Demolish 233-S and 233-SA by 30 June 2004**

1) $2.5M may be earned as progress payment upon demolition of the 233-S (Pu Concentration Facility) and 233-SA (Exhaust Filter Building) to slab-on-grade by 30 June 2004. - **COMPLETE**

**Completion Criteria:**

1) 233-S (Pu Concentration Facility) and 233-SA (Exhaust Filter Building) demolished to slab-on-grade by 30 June 2004.

**Assumptions:**

- None identified.

**Government Furnished Services/Items:**

- None identified.

**Performance Objective 2b: Demolition of Canyon ancillary facilities as follows by 30 September 2006**

1) $2M may be earned as progress payment upon demolition to slab-on-grade 10 U Plant Ancillary Facilities and structures and 10 B Plant structures by 31 March 2006, linearly decreasing to $0 by 30 June 2006.
2) $0.5M may be earned as progress payment upon demolition to slab-on-grade 12 additional B Plant structures by 30 September 2006.

**Completion Criteria:**

1) Ten U Plant Ancillary Facilities and structures identified in Table A, including at least one nuclear facility as identified in the Hanford Site Technical Database (HSTD), demolished to slab-on-grade by 31 March 2006.
2) Ten B Plant structures, identified in Table B, including at least one radiological facility as identified in the HSTD, demolished to slab on grade by 31 March 2006.
3) Twelve additional B Plant structures identified in Table B, demolished to slab-on-grade by 30 September 2006.
4) The Slab-on-Grade definition is
   - Building and project generated debris packaged and shipped off the demolition project site or in accordance with the Action Memorandum.
   - Final site surveys and sampling is complete.
   - Appropriate stabilization of the slab area is complete and properly posted.
   - Site demobilization is complete.

**Assumptions:**

- None identified.

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-040 Nuclear Facility D&D – Remainder of Hanford**
**Allocated Fee: $12M of the fee available in Contract Clause B.4**

**Government Furnished Services/Items:**

- None identified.

**Table A – U Plant Ancillary Facilities Applicable to Performance Objective 2b:**
Note: 10 of 12 facilities are within funding guidance. FH will disposition 10 of 12 listed, one of which is a nuclear facility as defined in the HSTD.

- U Plant Ancillary Facilities include the following:
  - 2714-U UO3 Storage Facility
  - 2715-U Oil Storage Building
  - 2715-UA Insulators Shop
  - 2716-U UO3 Plant Fire Protection
  - 2726-U Propane Gas Storage Facility
  - 203-U – Uranium Storage Tank Enclosure
  - 211-U Chemical Tank Farms
  - 211-UA Chemical Tank Farms
  - 2709-A Change House at 2714-U
  - 222-U Laboratory
  - 272-U – Hot Shop/Cold Maintenance Shop
  - 275-UR Storage Warehouse

**Table B – B Plant Structures Applicable to Performance Objective 2b:**

- B Plant construction lay down yard structures include the following:
  - 272BC Construction Multi-Craft Storage
  - 2200B Construction Portal Monitoring Building
  - 2201B Construction Ice House at 227B
  - 2238E Electrical Supervisors Office
  - 2239E Carpenters Supervisors Office
  - 2240E Paint Shop
  - 2241B Laborer's Storage
  - 2244B Multi Craft Fabrication Shop
  - 2245B Electrician's Lunchroom/Office
  - 2247B Ironworker's Shop
  - 2251E Storage Building
  - 2252E Storage Building
  - 2253E Storage Building
  - 2254E Storage Building
  - 2255E Storage Building
  - 2256E Storage Building
  - 2257E Storage Building
  - MO958 Mobile Office
  - MO959 Mobile Office – Restroom
  - MO964 Mobile Office
  - MO965 Mobile Office – Storage
  - MO967 Mobile Office

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0, June 14, 2004**
**PBS: RL-040 Nuclear Facility D&D – Remainder of Hanford**
**Allocated Fee: $12M of the fee available in Contract Clause B.4**

**Performance Objective 2c: Complete regulatory documentation supporting U Plant Regional Disposition by 31 December 2005**

1) $1M may be earned as progress payment upon issuance of the CERCLA decisions for U Plant Canyon Disposition Initiative (CDI) and U Plant Ancillary Facilities by 31 December 2005.

**Completion Criteria:**

1) The scope will be considered complete when the following actions have occurred:
   a) Action Memorandum for U Plant Ancillary Facilities has received regulator concurrence.
   b) Record of Decision for Canyon Disposition Initiative (221-U Facility) has been issued by the regulators.

**Assumptions:**

- Utilizing a sound technical and legal basis jointly developed by FH and DOE, DOE will defend and support delivery of the CDI FS/PP, by 30 September 2004 to the Regulator for concurrence.

**Government Furnished Services/Items:**

- None identified.

**Signatures**

R. G. Gallagher, President & Chief Executive Officer
Fluor Hanford, Inc.

15 June 04
Date

K. A. Klein, Manager
Richland Operations Office

6/15/04
Date

RL-CO Date 6/14/04

**ORIGINAL**

## FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE

**Rev. 0, June 14, 2004**
**PBS: RL-041 River Corridor Closure Project**
**Allocated Fee: $1M of the fee available in Contract Clause B.4**

**Performance Objective 1:** **Package, ship and dispose of remaining N Reactor Fuel by 31 March 2006 to meet TPA Milestone MX-92-06-T02, due 30 September 2006.**
**$1M of the fee available in Contract Clause B.4**

1) $1M may be earned as progress payment upon completion of packaging, shipping and disposal of 823 MT of uranium metal fuel from three Nuclear Facilities in the 300 Area in accordance with the following increments:
   a) $0.8M may be earned as a progress payment for the packaging, shipping and disposal of 665.3MT of 0.71 and 0.95 enriched Uranium Fuel.
   b) $0.2M may be earned as a progress payment for the packaging, shipping and disposal of 158.19MT of 1.25 enriched Uranium Fuel.

**Completion Criteria:**

1a) 665.3 MT of uranium metal fuel listed in Table A packaged, shipped and disposed from the 300 Area
1b) 158.19 MT of uranium metal fuel listed in Table A packaged, shipped, and disposed from the 300 Area.

**Assumptions:**

- None identified.

**Government Furnished Services/Items:**

- Review and respond to an ERDF Authorization Basis Document (0600X-AB-G0004/BHI-00370) change, if needed, within 90 days after submittal of the AB.
- Review and respond to request for amendment to the SARP addressing the 1.25 enriched fuel and scrap and allowing shipments below 60 degrees Fahrenheit within 90 days of submittal.

**Table A - Uranium Metal Fuels Inventory – (Totals Are in MTU)**

| Location | 0.71 U | 0.95 U | 1.25 U | Total | Material Type |
|---|---|---|---|---|---|
| 303-B | 0 | 0 | **39.19** – 72 Red Boxes | **39.19** – 72 Red Boxes | Contaminated fuel assemblies |
| 3712 | **53.90** – 67 Red Boxes | **488.20** -628 Red Boxes | **104.28** – 195 Red Boxes | **646.38** -890 Red Boxes | Fuel assemblies |
| 3712 | **0.14** – 1 Scrap Box | **1.06** – 1 Red Box 5 Scrap Boxes | **0.08** – 1 Red Box | **1.28** – 2 Red Boxes 6 Scrap Boxes | Scrap |
| 3716 | **8.68** – 12 Red Boxes 9 Scrap Boxes | **113.37** – 144 Red Boxes 125 Scrap Boxes | **14.64** – 50 Red Boxes | **136.69** – 206 Red Boxes 134 Scrap Boxes | Unfinished fuel assemblies |
| **Total** | **62.72** | **602.63** | **158.19** | **823.54** | |

**Signatures**

R. G. Gallagher, President & Chief Executive Officer
Fluor Hanford, Inc.

15 June '04
Date

K. A. Klein, Manager
Richland Operations Office

6/15/04
Date

RL-CO _____ Date 6/19/04

**ORIGINAL**

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0 June 14, 2004**
**PBS: RL-042 Nuclear Facility FFTF**
**Allocated Fee: $7M of the fee available in Contract Clause B.4**

**Performance Objective 1: Fast Flux Test Facility Complex Hazard Reduction**
**$7M of the fee available in Contract Clause B.4**

**Performance Objective 1a: Remove all remaining FFTF reactor fuel from the 400 Area and transfer it to the 200 Area Interim Storage Area (ISA)**

1) $1.5M may be earned as progress payment for removal of 81 fuel assemblies (COMPLETE).
2) $1.5M may be earned as progress payments for the completion of loading and transferring 5 additional interim storage casks (ISCs), in increments of $0.3M per ISC, by 31 August 2004.
3) $2.1M may be earned as provisional payments in increments of $0.21M per ISC for the completion of loading and transferring each of 10 additional ISCs by 31 March 2005. If contract transition occurs prior to work completion, remaining fee from this expectation will be re-allocated to existing incentivized work scope associated with RL-030. The provisional payment will convert to progress payment upon completion of Performance Objective 1b, below.
4) $0.4M may be earned as a progress payment for the disassembly of fuel assembly MFF-1 and loading of fuel pins into Ident 69 pin containers or pin baskets, as appropriate, by 31 July 2004.

**Completion Criteria:**

- Interim storage casks (ISCs) loaded and transferred to the 200 Area Interim Storage Area (ISA).

**Assumptions:**

- None identified.

**Government Furnished Services/Items:**

- None identified.

**Performance Objective 1b: Perform additional risk reduction activities at the FFTF to include:**

$1M may be earned as progress payment upon completion of selected reactor sodium and sodium-potassium alloy drain activities by the completion of FFTF contract transition.

**Completion Criteria:**

- Sodium flush completed for the two in-containment sodium-potassium (NaK) alloy cooling systems (primary cold trap cooling, and Interim Decay Storage vessel cooling). Following the flush, the NaK systems will be drained to the maximum extent practical and the remaining NaK and frozen sodium residuals will be maintained under an inert gas blanket pending later disposition.
- The reactor vessel sodium level lowered to just above the tops of the immersion heaters and the three primary heat transport system loops drained to the maximum extent practical. The sodium transferred into the Sodium Storage Facility (SSF). Associated trace heat systems de-energized and primary pony motors secured. Completion does not include actions to drain the reactor vessel and primary auxiliary sodium systems or disposition of residual sodium in cold traps and other portions of the system, or shutdown and lay-up of associated cover gas, electrical support, heating & ventilation, primary pump skids, or other support systems.
- In the Fuel Storage Facility (FSF), the portion of the NaK cooling loop external to the fuel storage vessel drained. Non-drainable NaK in the loop within the FSF storage vessel and in the NaK-to-air heat exchangers removed to the extent practical. The NaK loop will then be maintained under an inert gas blanket pending later disposition. The removed NaK, including that stored in the FSF NaK storage tank, transferred into the FSF storage vessel sodium.

**Assumptions:**

- None identified

RL-CO DJ Date 6/14/04

# ORIGINAL

**FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE**

**Rev. 0 June 14, 2004**
**PBS: RL-042 Nuclear Facility FFTF**
**Allocated Fee: $7M of the fee available in Contract Clause B.4**

**Government Furnished Services/Items:**

- None identified

**Performance Objective 1c: Drain secondary sodium**

$0.5M may be earned as progress payment upon removal of secondary sodium (COMPLETE).

**Signatures**

R. G. Gallagher, President & Chief Executive Officer
Fluor Hanford, Inc.

15 JUNE '04
Date

K. A. Klein, Manager
Richland Operations Office

6/15/04
Date

RL-CO _____ Date 6/14/04

# PART I – THE SCHEDULE

## SECTION C
## STATEMENT OF WORK

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# C.1 Project Hanford Management Contract Overview

The Hanford Site has two major missions: (1) cleanup, and (2) science and technology. There are two major Office of Environmental Management (EM) programs associated with cleanup. One is the River Protection Project (RPP), which entails cleanup of Hanford Site Tank Waste, and is managed by the Department of Energy (DOE) Office of River Protection (ORP). The other is Project Hanford, which entails cleanup of the remainder of the Hanford Site, and is managed by the DOE Richland Operations Office (RL), which also manages the science and technology mission. This contract pertains to the cleanup activities associated with Project Hanford. This work shall be accomplished in a manner that achieves high levels of quality; protects the environment, the safety and health of workers and the public; and complies with requirements.

The DOE and Contractor recognize that under terms of the Contract clauses titled "Withdrawal of Work" and "Optional Services" the DOE may exercise its rights to modify this Statement of Work. The DOE and Contractor agree to negotiate a reasonable transition period for each change to minimize the impact on existing work being performed.

The following sections provide an overview of the activities considered part of the Contractor scope of work. Details are contained in Sections C.2 through C.6 and are presented in a series of tables. There are three general types of tables as explained below:

The Scope Table contains specific scope descriptions, requirements, deliverables and the government furnished services and items that are necessary to accomplish the scope.

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| Life cycle work scope that needs to be accomplished in support of the DOE-RL Project Hanford mission. Completion of the life cycle work scope may extend beyond the Contract Period. | Contractor's key or unique requirements for work associated with the scope, including acceptance criteria where available. Requirements associated with life cycle work scope that extend beyond the Contract Period are identified as "Post Contract Period". Requirement source documents are identified in Section J, Appendix C. The only sources identified in these tables are those that no longer apply after the scope is completed. | Contractor endpoints, work scope completions, products, reports, or commitments that will be delivered prior to end of contract. Includes enforceable TPA milestones that have been assigned to the Contractor. | Government furnished services and items that the Contractor needs to complete assigned work scope and deliverables. |

The End State Definition table lists the buildings or waste sites assigned to the Contractor for the work scope defined above.

| End State Definition | | | |
|---|---|---|---|
| Building/Waste Site Number | Building/Waste Site Description | Contract Period Scope | Post Contract Period Scope |
| Building/Waste Site number as contained in the Hanford Site Technical Database. | Building/Waste Site description as contained in the Hanford Site Technical Database. | End point condition of the buildings/waste sites upon completion of the Contract period | End state condition of the buildings/waste sites associated with the life cycle work scope |

The Waste Site Closure table lists any waste sites that will be remediated and closed out as part of the building cleanup activities.

| Waste Site Closures | | |
|---|---|---|
| Site Number | Site Description | Associated Building Number |
| Waste site number as contained in the Hanford Site Technical Database. | Waste site description as contained in the Hanford Site Technical Database. | When the cleanup work is completed on this building, the waste site will have been remediated. The closeout verification package will be submitted to the lead regulatory agency for approval and acceptance. |

## C.1.1 Hanford Site Cleanup Overview

The Hanford Site encompasses approximately 560 square miles and is divided into a number of areas. The 100 Area served as the irradiation area where fuel rods were placed in reactors and irradiated by nuclear fission reactions. The 200 Area served as the chemical processing area where plutonium and uranium were separated from the residual activation and fission products using liquid chemical processes, and the 300 Area served as the fabrication area where uranium metal billets were fabricated into jacketed fuel rods suitable for loading into nuclear reactors. The 600 Area includes portions of the Hanford Site not included in the 100, 200, or 300 Area and served primarily as transportation corridors and buffer zones between the fabrication, irradiation, and chemical processing areas. Other designated areas of the Hanford Site include the 400 Area (Fast Flux Test Facility), 700 and 3000 Areas (RL and contractor offices in Richland, and the 1100 Area (equipment maintenance).

The cleanup activities considered part of this contract are comprised of the 100, 200, 300, 400 and 600 Areas and Groundwater. Key cleanup activities include:

- Facility Cleanup: Activities necessary to achieve a final end state for the facility (e.g., deactivation, decontamination, decommission, demolition, entombment or dismantlement, and site restoration), including closure of any TSDs. Activities necessary for safe and secure storage of Cesium and Strontium Capsules, Spent Nuclear Fuels (SNF), Special Nuclear Material (SNM), Nuclear Material (NM), and Nuclear Fuel (NF) until these materials can be transferred to another facility, sold, or dispositioned. Activities also include nuclear material stabilization.

- Waste Site Cleanup: Activities necessary to complete the remediation per the requirements of the applicable CERCLA ROD or Action Memorandum. Remediation of a waste site is complete when the regulator has approved a Cleanup Verification Package.

- Facility and Waste Site Surveillance & Maintenance: Activities necessary to ensure that a site or facility remains in a physically safe and environmentally secure condition. Includes periodic inspections and monitoring of the property, appropriate contamination control actions, and required maintenance of barriers controlling access.

- Groundwater Protection: Activities necessary to protect the Columbia River and the near-shore environment. Includes groundwater monitoring and remediation to control the migration of plumes that threaten groundwater quality beyond the boundaries of the Central Plateau.

## C.1.2 Waste and Spent Nuclear Fuel (SNF) Management Operations Overview

Provide centralized facilities for the treatment, storage, and disposal of solid waste; interim safe storage for Hanford Site SNF; and treatment and disposal of liquid effluents in support of Hanford cleanup activities and DOE complex-wide projects. This includes the management, operations, surveillance, monitoring, and maintenance of buildings, burial grounds, and current waste inventories. Key waste and SNF operations activities include:

- Safe & Compliant Operations: Activities necessary to ensure facilities, structures, operating systems and equipment, and `monitoring systems are maintained within the authorization envelope until the facilities are transferred for cleanup. Secondary waste streams are prepared and packaged for disposition as required and disposed as appropriate. Radiological control and access control is maintained to ensure personnel safety.

- Treatment: Activities necessary to prepare existing waste in storage and newly generated wastes resulting from clean up operations for disposal. This includes preparation and packaging of SNF from dry storage for disposal. Treatment is considered complete when the wastes are made disposition ready and transferred to interim storage or the appropriate disposition system.

- Storage Pending Disposition: Activities necessary to provide interim storage for treated wastes for which there are no national policies for disposition. The wastes will be stored until such time as a national policy is determined and then disposed in accordance with that policy. SNF and wastes for which there is a national disposal policy but for which the disposal facility is not yet in operation will be stored until the disposal facility is ready to accept the SNF and waste.

- Disposition: Activities necessary to dispose waste and SNF onsite at an approved disposal facility or to transport it to sites identified by national policy to receive the wastes and SNF. Waste and SNF is considered to be dispositioned when it is accepted at the disposal facility or receiving site.

## C.1.3 Infrastructure and Hanford Site Services

Maintain a viable site infrastructure to support the Hanford mission beyond FY 2006. Support the Hanford Site cleanup and science and technology missions by providing site services to all site contractors. Key activities include:

- Analytical Services: Activities necessary to acquire samples and accurately describe their composition or other qualities. This includes expertise in chemistry and data quality, field and sampling services, and waste and environmental sample analysis.

- Emergency Response: Activities necessary to respond to events like fire, medical, rescue, and hazardous materials emergencies.

- Information Resource Management: Activities necessary to provide telecommunications; computer software, hardware, and programming support; operation of business systems.

- Maintenance: Activities necessary to sustain performance and serviceability of equipment, vehicles, roads, grounds, and general-purpose facilities excluding services to CHG after April 15, 2003.

- Property Disposition: Activities necessary to disposition property determined to be excess and devalued to zero.

- Safeguards and Security: Activities necessary to provide qualified security officers, special nuclear material control and accountability, protect site assets, control access, track radioactive shipments, and round-the-clock threat response.

- Utilities: Activities necessary to provide electricity, water, sanitary sewer, and solid sanitary waste disposal.

## C.1.4 Other Work Scope

This Contract contains other work scope not solely associated with site cleanup, waste and SNF management operations, or site services. Other work scope is necessary for the successful accomplishment of the Contract. It includes Environment, Safety, Health & Quality (ESH&Q) support and Emergency Management and Preparedness for Contract activities and assigned facilities. It includes Contractor Project Management activities and products. It also includes support provided directly to RL and request-for-service activities.

## C.1.5 Other Prime Contractors

The Contractor may, from time to time, provide services to and receive services from other Prime Contractors by memoranda of agreement. The contractor is responsible for interfacing and coordinating with other Hanford Site Prime Contractors in the performance of its work.

## C.1.6 Government Furnished Services/Items

Within ninety (90) days after the effective date of this contract modification and by September 1 prior to each fiscal year end, the Contractor will provide the Contracting Officer an annual projection of needed Government Furnished Services/Items (GFS/I), identified in the GFS/GFI column in Sections C.2 through C.5 of this contract, for DOE approval. The Contractor will also provide quarterly updates to the Contracting Officer. Amendments to the projection, if any, will be provided to the Contracting Officer 45 days in advance of the need date. Each Contractor submittal (annual, quarterly, or individual) shall be reviewed by DOE. Within 15 days after receipt, DOE shall notify the Contractor whether it will accept the requested GFS/I. If DOE

cannot accept, DOE will identify in writing no later than 30 calendar days after receipt of Contractor's notification, the requested GFS/I it can accept and provide. If DOE cannot accept the request for GFS/I that is within the ranges in the GFS/GFI column in Sections C.2 through C.5, then it shall be treated as a change in accordance with the clause entitled "Changes - Cost-Reimbursement" in this Contract.

DOE shall review and approve authorization basis documents submitted by the contractor as required by the terms and conditions of the contract and identified in the GFS/GFI column in Sections C.2 through C.5 of this contract. DOE and the contractor shall use a collaborative process in ensuring authorization basis documents are developed in a quality manner meeting applicable laws and DOE directives and are reviewed and approved in a timely manner. For authorization documents not contained in Sections C.2 through C.5 of this Contract, DOE will review and either approve (with or without comments) or disapprove (with comments and basis) as follows:

- Documented safety analysis (DSA)/Technical Safety/Requirement (TSR) – 16 weeks
- Preliminary DSA – 16 weeks
- TSR – 8 weeks
- Minor Safety Basis change – 6 weeks
- Annual update to DSA – 8 weeks
- Unreviewed Safety Question/justification for continued operations – 6 weeks
- Health and Safety Plan – 10 weeks
- Safety Analysis reports for packaging (on site) – 12 weeks

# C.2 Project Hanford Cleanup Work Summary

## C.2.1 100 Area Cleanup Work

## C.2.1.1 100 Area Facility Cleanup

### C.2.1.1.1 K Basin Deactivation

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Maintain Safe & Compliant 100 K Area Facilities**<br>Operate and maintain assigned 100 K Area facilities and associated waste sites, structures, operating systems and equipment, and monitoring systems within the authorization envelope. Prepare and package waste streams for disposition as required and dispose as appropriate. Maintain radiological control and access control to ensure personnel safety. | The Contractor shall design, install, construct, manage and operate all new or modified 100 K Area facilities associated with SNF stabilization, packaging and transport to interim storage.<br><br>**This work scope shall be done in compliance with:**<br>• 61 FR 10736, March 15, 1996, Doc. 96-6291<br>• DOE/EIS-0245-SA1, "Supplemental Analysis for EIS-0245F"<br>• HNF-5356, " Spent Nuclear Fuel Project Authorization Agreement " | CD0001<br>Authorization Agreement for K-Basins (review and update yearly) | None Identified |
| **Maintain Safe & Compliant SNF Storage in K Basins**<br>Provide safe and compliant storage of SNF at K Basins until it has been removed. | The K Basin sludge shall be managed as SNF while in the basins, but SNM accountability requirements shall not apply to sludge subsequent to sludge being containerized and safeguard requirements terminated.<br><br>**This work scope shall be done in compliance with:**<br>• CRD M 474.1-1, "Manual for Control and Accountability of Nuclear Materials"<br>• CRD O 470.1, Chg 1 (Supp Rev 1), "Safeguards and Security Program"• HNF-5356, " Spent Nuclear Fuel Project Authorization Agreement " | None Identified | None Identified |
| **Remove K Basins SNF**<br>Remove and clean fuel elements from existing canisters and load into separate baskets prior to placement in the MCO. Place tier baskets in an MCO and transfer to the CVD Facility for drying. | All spent nuclear fuel (except additional fuel fragments that may be discovered during sludge removal) shall be removed from the K Basins.<br><br>**This work scope shall be done in compliance with:**<br>• 61 FR 10736, March 15, 1996, Doc. 96-6291<br>• CRD O 461.1, "Packaging and Transfer or Transportation of Materials of National Security"<br>• DOE/RL-89-10, "Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement), Revision 6"<br>• HNF-5356, "Spent Nuclear Fuel (SNF) Project K Basins Authorization Agreement"<br><br>M-34-25-T01: By 31 May 2004 complete Transfer Of K East Basin Spent Nuclear Fuel To The K West Basin. This Target Date Will Be Complete When All Spent Nuclear Fuel Has Been Removed From The K East Basin And Has Been Transported Into The K West Basin. It Is Understood That Additional Fuel | CD0317<br>SNF removed from K-East Basin<br><br>CD0318<br>SNF removed from K-West Basin | None Identified<br><br>None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | Fragments May Be Discovered During The Subsequent Removal Of The Sludge.<br><br>M-034-18B: By 31 July 2004, complete removal of all K Basin Spent Nuclear Fuel. This interim milestone will be complete when all spent nuclear fuel has been removed from both the K West Basin and the K East Basin and has been transported to the cold vacuum drying facility. It is understood that additional fuel fragments may be discovered during removal of the sludge.<br><br>DNFSB 2001-1 All spent nuclear fuel will be removed from the K-Basins by July 2004 | | |
| **Dry K Basins SNF**<br>Load MCOs with SNF from KE and KW Basins, dry the MCO and the fuel to remove free water, and transport the loaded MCO to the Canister Storage Building. | Spent Nuclear Fuel removed from the K Basins shall be stabilized for on site storage in the 200 Area.<br><br>Water from the K Basins and Cold Vacuum Drying Facility shall be treated through ion-exchangers to maintain safe conditions within the basins.<br><br>**This work scope shall be done in compliance with:**<br>• CRD O 460.2, Chg 1, "Departmental Materials Transportation & Packaging Management" | None Identified | None Identified |
| **Remove K Basins Sludge**<br>Retrieve, immobilize, package and transport K Basins sludge to interim storage pending shipment to WIPP. | The characteristics of K Basin sludge and package shall meet the criteria for CH-TRU as identified in the present WIPP waste acceptance criteria and the criteria for RH-TRU identified within the draft WIPP waste acceptance criteria.<br><br>Perform operational readiness reviews for removal, stabilization, packaging, and transfer of K Basin sludge to interim storage.<br><br>M-034-034 complete removal of K East sludge by 31 January 2006.<br><br>DNFSB 2001-1-CN-121 Select a treatment method for containerized sludge in K-West Basin by November 2004<br><br>DNFSB 2001-1-CN-119E Complete consolidation/containerization of K-East Basin sludge by December 2004<br><br>DNFSB 2001-1-CN-120E Complete removal of containerized sludge from K-East by July 2005<br><br>DNFSB 2001-1-CN-119W Complete consolidation/containerization of K-West Basin sludge by February 2006<br><br>DNFSB 2001-1-CN-120W Complete removal and packaging of all sludge by April 2007<br><br>**This work scope shall be done in compliance with:**<br>• 61 FR 10736, March 15, 1996, Doc. 96-6291 | CD0319<br>Sludge removed from K-East Basin as required to allow removal of the basin as low-level waste.<br>**Due:** 31 July 2005 | None Identified |
| | | CD0320<br>M-034-33A: K East sludge containerization initiated<br>**Due:** 31 October 2004 | None Identified |
| | | CD0321<br>M-034-33B: K East sludge containerization completed.<br>**Due:** 1 March 2005 | None Identified |
| | | CD0322<br>M-034-35: K West sludge containerized<br>**Due:** 30 June 2006 | None Identified |
| | | CD0323<br>One cubic meter of sludge in a WIPP certifiable waste form. | None Identified |
| | | CD0324<br>Found fuel and scrap transferred from KE to KW<br>**Due:** 31 July 2005 | None Identified |
| | | CD0325<br>Found fuel and scrap shipped to CSB.<br>**Due:** 30 September 2006 | None Identified |
| | | CD0326<br>Commenced sludge treatment acceptable under the current draft WIPP WAC.<br>**Due:** 30 March 2006 | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | • CRD O 460.2, Chg 1, "Departmental Materials Transportation & Packaging Management"<br>• DOE/RL-89-10, "Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement), Revision 6"<br>• HNF-5356, "Spent Nuclear Fuel (SNF) Project K Basins Authorization Agreement" | CD0327<br>MC&A Plan and Deviation Request<br>**Due:** 2 July 2004 | GF0109<br>MC&A Plan and Deviation Request response within 45 days of submittal |
| **Disposition 105 KE Basin**<br>Deactivate 105 KE Basin. Isolate basins from 105 KE Reactor. Remove applicable equipment from basin and encapsulate remaining basin racks and other residual materials in place. Remove water from basins, treat water with existing water treatment systems, and transport water to the 200 Area ETF for final treatment and disposal. Remove building shells and superstructures from over the basins and transport to ERDF for disposal. | After treatment through ion-exchangers, the water from K Basins shall be transported to the 200 Area Effluent Treatment Facility or other alternative location.<br><br>M-034-23: Initiate permanent water removal from K-East Basin by 30 September 2004<br><br>**Post Contract Period:**<br>The Contractor shall transfer the 105 KE Basin site to the RCC for remediation by 31 December 2007<br><br>**This work scope shall be done in compliance with:**<br>• 61 FR 10736, March 15, 1996, Doc. 96-6291<br>• DOE/RL-89-10, "Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement), Revision 6"<br>• HNF-5356, "Spent Nuclear Fuel (SNF) Project K Basins Authorization Agreement" | CD0328<br>K-East Basin discharge chute immobilized or encapsulated.<br>**Due:** 30 December 2004 | None Identified |
| | | CD0329<br>Three K East Basin bays debris and contamination removed, immobilized or encapsulated<br>**Due:** 28 February 2006 | None Identified |
| | | CD0330<br>K-East Basin superstructure demolished and delivered to ERDF<br>**Due:** 30 June 2006 | None Identified |
| | | CD0331<br>First K-East Basin section delivered to ERDF<br>**Due:** 31 July 2006 | None Identified |
| | | CD0332<br>K-East Basin water removal initiated | None Identified |
| | | CD0333<br>Water from K-East Basin removed and transferred for disposition | None Identified |
| | | CD0334<br>Last K-East Basin section delivered to ERDF<br>**Due:** 30 September 2006 | None Identified |
| **Disposition 105 KW Basin**<br>Deactivate 105 KW Basin. Isolate basins from 105 KW Reactor. Remove applicable equipment from basin and encapsulate remaining basin racks and other residual materials in place. Remove water from basins, treat water with existing water treatment systems, and transport water to the 200 Area ETF for final treatment and disposal. Remove building shells and superstructures from over the basins and transport to ERDF for disposal. | M-034-21-T01: Initiate full scale K-West Basin water removal by 31 December 2005.<br><br>**Post Contract Period:**<br>After treatment through ion exchangers, the water from K Basins shall be transported to the 200 Area Effluent Treatment Facility or other alternative location.<br><br>The Contractor shall disposition the 105 KW Basin by 31 December 2007.<br><br>The Contractor shall transfer the 105 KW Basin site to the RCC for remediation by 30 January 2008.<br><br>**This work scope shall be done in compliance with:**<br>• 61 FR 10736, March 15, 1996, Doc. 96-6291<br>• DOE/RL-89-10, "Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement), Revision 6"<br>• HNF-5356, "Spent Nuclear Fuel (SNF) Project K Basins Authorization Agreement" | CD0335<br>K West Basin discharge chute immobilized or encapsulated.<br>**Due:** 31 December 2005 | None Identified |
| | | CD0336<br>Contaminated fuel canisters removed<br>**Due:** 31 January 2006 | None Identified |
| | | CD0337<br>7,600 $Ft^2$ of the circumferential surface area of K-West Basin walls decontaminated to allow dewatering<br>**Due:** 31 August 2006 | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Transition 100 K Area Ancillary Facilities** Deactivate 100K Basin ancillary facilities for transfer to the organization responsible for final disposition activities. | **Post Contract Period:** The Contractor shall deactivate the 100K ancillary facilities including CVD in accordance with the End Point Criteria agreement between the Contractor and the River Corridor Contractor. (To be revised)<br><br>The Contractor shall deactivate the K Basin ancillary facilities identified in table below and transfer them to the River Corridor Contractor by 30 September 2008. | None Identified | None Identified |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post-Contract Period Scope |
| 105KE Basin | Spent Fuel Storage Basin | • Complete Disposition of Basin | • Turn over to RCC for waste site remediation |
| 105KE Water tunnels | 105-KE \ Water tunnels | | • Turn over to RCC for waste site remediation |
| 105KW Basin | Spent Fuel Storage Basin | | • Complete Transition of Basin<br>• Turn over to RCC for waste site remediation |
| 119KE | 119-KE Exhaust Air Sampling Bldg | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 142K | Cold Vacuum Drying Facility | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 1614KJ | Environmental Monitoring Station | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 165KE | KE Power Control Building | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 166AKE | Oil Storage Facility | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 167K | Crosstie Tunnel Building | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 1705KE | Effluent Water Treatment Pilot Plant | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 1706KE | 1706KE Water Studies Semiworks | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 1706KEL | Development Laboratory | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 1706KER | Water Studies Recirculation Bldg | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 1713KE | Shop Building | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 1713KER | Warehouse | | • Complete Transition |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post Contract Period Scope |
| | | | • Turn Over to RCC for Final Disposition |
| 1713KW | Warehouse | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 1714KE | Oil and Paint Storage Shed | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 1714KW | Oil & Paint Storage Shed | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 1717K | Maintenance Transportation Shop | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 1724K | Maintenance Shop | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 1724KB | Gas Bottle Storage Facility | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 181KE | River Pump House | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 183.2KE | KE Sedimentation Basins | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 183.3KE | KE Filter Basin | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 183.4KE | KE Reservoir & Clearwells | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 183KE | Chlorine Vault | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 183KW | Chlorine Vault | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 183.1KE | Headhouse | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 183.5KE | Lime Feeder Building | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 183.6KE | Lime Feeder Building | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 183.7KE | 183KE Pipe Tunnel | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 185K | Potable Water Treatment Plant | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 1908K | Outfall Structure | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |
| 1908KE | Effluent Water Monitoring Station | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post-Contract Period Scope |
| 190KE | Main Pump House | | • Complete Transition<br>• Turn Over to RCC for Final Disposition |

The Contractor shall perform surveillance and maintenance of the following listed waste sites. Closure of these waste sites is work scope presently external to this contract.

| Waste Site Surveillance and Maintenance | |
|---|---|
| Site Number | Site Description |
| 100-K-35 | 100-K-35, 183-KE Acid Neutralization Pit |
| 100-K-36 | 100-K-36, 1706-KE Chemical Storage Facility Dry Well |
| 100-K-37 | 100-K-37, 1706-KE Sulfuric Acid Tank |
| 100-K-38 | 100-K-38, 1706-KE Caustic Soda Tank |
| 100-K-42 | 100-K-42, 100 Area KE Basin, 105-KE Fuel Storage Basin, K East Basin, Irradiated Fissile Material Storage, Metal Storage Basin, 100-K-40 |
| 100-K-43 | 100-K-43, KW Basin, 105-KW Fuel Storage Basin, K West Basin, Irradiated Fissile Material Storage |
| 100-K-46 | 100-K-46, 119-KE French Drain, Drywell |
| 100-K-47 | 100-K-47, 1904-K Process Sewer |
| 100-K-50 | 100-K-50, 1725-K & 1726-K Sanitary Sewer System Holding Tank |
| 100-K-67 | 100-K-67, 165-KE Power Control Building |
| 100-K-68 | 100-K-68, 105-KE Pump Gallery and Catch Tank, D Sump |
| 100-K-69 | 100-K-69, 105-KE Sump C |
| 100-K-70 | 100-K-70, 105-KE Waste Storage Tank, Holding Tank |
| 100-K-71 | 100-K-71, 105-KE Collection Box |
| 100-K-72 | 100-K-72, 105-KW Pump Gallery and Catch Tank, D Sump |
| 100-K-73 | 100-K-73, 105-KW Collection Box |
| 100-K-74 | 100-K-74, 105-KW Waste Storage Tank, Holding Tank |
| 100-K-75 | 100-K-75, 105-KW Sump C |
| 100-K-77 | 100-K-77, Underground Railroad Ties Southeast of 1706KE |
| 100-K-81 | 100-K-81, Contamination Area West of 116-K-3 |
| 116-K-3 | 116-K-3, 1904-K Outfall Structure, 1908-K Outfall Structure |
| 116-KE-6A | 116-KE-6A, 1706-KE Condensate Collection Tank, 1706-KE Waste Treatment System |
| 116-KE-6B | 116-KE-6B, 1706-KE Evaporation Tank, 1706-KE Waste Treatment System |
| 116-KE-6C | 116-KE-6C, 1706-KE Waste Accumulation Tank, 1706-KE Waste Treatment System |
| 116-KE-6D | 116-KE-6D, 1706-KE Ion Exchange Column, 1706-KE Waste Treatment System |
| 120-KE-8 | 120-KE-8, 165-KE Brine Pit, 165-KE Brine Mixing Tank |
| 126-KE-2 | 126-KE-2, 183-KE Liquid Alum Storage Tank #2 |
| 1607-K1 | 1607-K1, 1607-K1 Septic Tank and Associated Drain Field, 124-K-1, 1607-K1 Sanitary Sewer System, 1607-K1 Septic Tank |
| 1607-K2 | 1607-K2, 1607-K2 Septic Tank and Associated Drain Field, 124-KE-1, 1607-K2 Sanitary Sewer System, 1607-K2 Septic Tank |
| 1607-K5 | 1607-K5, 1607-K5 Septic Tank and Associated Drain Field, 124-KE-2, 1607-K5 Sanitary Sewer System, 1607-K5 Septic Tank |
| 1607-K6 | 1607-K6, 1607-K6 Septic Tank and Associated Drain Field, 124-KW-1, 1607-K6 Sanitary Sewer System, 1607-K6 Septic Tank |
| UPR-100-K-1 | UPR-100-K-1, 100-KE Fuel Storage Basin leak, UN-100-K-1 |

## C.2.1.1.2 Balance of 100 Area Facilities Cleanup

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Disposition 100 Area Facilities**<br>Perform the facility assessment and submit for the lead regulating agency and DOE decision. Perform transition activities (e.g., flush, isolate and blank process or sub-process systems; remove radioactive and hazardous materials and mixed wastes; deactivate non-essential systems and utilities; remove excess materials and equipment). Achieve the final end state for the facility (e.g. entombment or dismantlement and site restoration) including closure of any TSDs. At the point where all systems and spaces at the facility achieve their respective end state condition, disposition is achieved and the DOE will verify the end state. | **Post Contract Period:**<br>The Contractor shall disposition the assigned 100 Area facilities in compliance with regulator and DOE decisions. | CD0006<br>Facilities transitioned and dispositioned as identified in table below. | None Identified |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post Contract Period Scope |
| 1112NA | Microwave Tower Annex | | • Complete Transition<br>• Complete Disposition |
| 1331N | Storage Building at 100N | • Turn over to RCC for Final Disposition | |
| 1332N | Storage Building / Bottle Dock | • Turn over to RCC for Final Disposition | |
| 1506K1 | Fiber Optics Computer Hut | | • Complete Transition<br>• Complete Disposition |
| 1512N | Gas Bottle Storage | | • Complete Transition<br>• Complete Disposition |
| 1515N | Fixed Metal Shop | • Turn over to RCC for Final Disposition | |
| 1516N | Carpenter Shop | | • Complete Disposition |
| 1517N | Fixed Metal Paint Shop | | • Complete Disposition |
| 1518N | Electrical Shop | | • Complete Disposition |
| 1519N | Fixed Metal Fitters Shop | | • Complete Disposition |
| 151B | Primary Substation | • Turn over to RCC for Final Disposition | |
| 151D | D Primary Substation Switch House | • Turn over to RCC for Final Disposition | |
| 151KE | Electrical Substation (230 kV) | | • Complete Disposition |
| 151KW | Electrical Substation (230 kV) | | • Complete Transition<br>• Complete Disposition |
| 1601D | Pump and Treat Transfer Building | | • Complete Transition<br>• Complete Disposition |
| 1601H | Transfer Building | | • Complete Transition<br>• Complete Disposition |
| 1604K | 100-KR-4 Pump and Treat | | • Complete Transition<br>• Complete Disposition |
| 1606K | Transfer Building KR3 | | • Complete Transition<br>• Complete Disposition |
| 1607K | Transfer Building 1 | | • Complete Transition<br>• Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post Contract Period Scope |
| 1608H | Waste Water Pump House, Lift Station – Abandoned | | • Complete Transition<br>• Complete Disposition |
| 1713H | Warehouse | | • Complete Transition<br>• Complete Disposition |
| 181B | River Pump House (Serves B & C) | | • Complete Transition<br>• Complete Disposition |
| 181D | River Pump House (Serves DR) | | • Complete Transition<br>• Complete Disposition |
| 182B | Reservoir and Pump House | | • Complete Transition<br>• Complete Disposition |
| 182D | Reservoir and Pump House | | • Complete Transition<br>• Complete Disposition |
| 183D | Filter Plant Power Operation Facility | • Complete Transition | • Complete Disposition |
| 1902D | Elevated Water Tank | • Turn over to RCC for Final Disposition | |
| 1926N | Valve Pit | | • Complete Transition<br>• Final Disposition Completed by RCC |
| MO048 | Construction Lunch Room | | • Complete Transition<br>• Complete Disposition |
| MO054 | Administration | | • Complete Transition<br>• Complete Disposition |
| MO060 | Operations Training Facility | | • Complete Transition<br>• Complete Disposition |
| MO101 | Mobile Office -Document Control | | • Complete Transition<br>• Complete Disposition |
| MO102 | Mobile Office -Ops Analysis & Waste Handling | | • Complete Transition<br>• Complete Disposition |
| MO214 | Mobile Office -Job Control | | • Complete Transition<br>• Complete Disposition |
| MO236 | Mobile Office -Ops/HPT Change | • Complete Transition | • Complete Disposition |
| MO237 | Mobile Office -Construction Forces | | • Complete Transition<br>• Complete Disposition |
| MO293 | Mobile Office -Projects & Training /Procedures | | • Complete Transition<br>• Complete Disposition |
| MO323 | CVD Change Trailer | | • Complete Transition<br>• Complete Disposition |
| MO382 | Mobile Office Radiological Control | • Complete Transition<br>• Complete Disposition | |
| MO401 | Mobile Office -K Basins Ops/Admin | | • Complete Transition<br>• Complete Disposition |
| MO402 | Mobile Office -K Basins Engineering | | • Complete Transition<br>• Complete Disposition |
| MO420 | Mobile Office -Sample Trailer | | • Complete Transition<br>• Complete Disposition |
| MO442 | Mobile Office -Training Classrooms | | • Complete Transition<br>• Complete Disposition |
| MO495 | CVD Change Trailer | | • Complete Transition<br>• Complete Disposition |
| MO500 | Mobile Office | • Complete Transition | • Complete Disposition |
| MO506 | CVD Lunch Room | | • Complete Transition<br>• Complete Disposition |
| MO507 | CVD Conference Room | | • Complete Transition<br>• Complete Disposition |
| MO907 | Mobile Office -Ops Analysis & Waste Handling | | • Complete Transition<br>• Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post Contract Period Scope |
| MO928 | Mobile Office -Design /Drafting | | • Complete Transition<br>• Complete Disposition |
| MO955 | Operations Office | • Complete Transition | • Complete Disposition |
| MO969 | Mobile Office -Ops/HPT Change Trailer | • Complete Transition | Complete Disposition |
| TC1301N | N Springs Pump and Treat Facility Weather Protection | | • Complete Transition<br>• Complete Disposition |

## C.2.1.2 100 Area Waste Site Cleanup

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Remediate 100 Area Waste Sites**<br>Perform the waste site assessment and submit for the lead regulating agency and DOE decision. Remediate the waste sites in accordance with the approved record of decision (ROD). Submit a cleanup verification package (CVP) for each waste site (or groups of waste sites) to the lead regulator and obtain regulator approval. | The Contractor shall disposition the assigned waste sites as identified in the table below. | None Identified | None Identified |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post Contract Period Scope |
| 100-B-2 | 100-B-2, 181-B Backwash Trench, Backwash Trench, Undocumented Liquid Waste Site, Miscellaneous Stream #73 | • Turn Over to RCC for Final Remedial Action | |
| 100-D-27 | 100-D-27, 151-D Substation UPR, A-2 Substation Transformer #A401C Leak | • Turn Over to RCC for Final Remedial Action | |
| 124-N-10 | 124-N-10, 124-N-10 Sanitary Sewer System, 100-N Central Sewer System No. 10, Project H-677, 100-N Sewage Lagoon | | • Turn Over to RCC for Final Remedial Action |
| 1607-B5 | 1607-B5, 1607-B5 Septic Tank System, 1607-B4, 1607-B4 Septic Tank System, 124-B-4, 1607-B4 Sanitary Sewer System | • Turn Over to RCC for Final Remedial Action | |
| 1607-B6 | 1607-B6, 1607-B6 Septic Tank System, 1607-B5, 1607-B5 Septic Tank System, 124-B-5, 1607-B5 Sanitary Sewer System | • Turn Over to RCC for Final Remedial Action | |
| 1607-D5 | 1607-D5, 1607-D5 Septic Tank and Associated Drain Field, 124-D-5, 1607-D5 Sanitary Sewer System, 1607-D5 Septic Tank | • Turn Over to RCC for Final Remedial Action | |

## C.2.1.3 100 Area Surveillance and Maintenance

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Provide Surveillance and Maintenance on 100 Area Facilities after Shutdown**<br>Maintain assigned waste sites, facilities, structures, operating systems and equipment, and monitoring systems in compliance with applicable directives and regulatory | The Contractor shall perform surveillance and maintenance on the assigned 100 Area buildings, structures, and waste sites. | None Identified | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| documents until the facilities are dispositioned. Maintain radiological control and access control to the surplus facilities to ensure personnel safety. Surveillance and maintenance will also be conducted on 100 Area general purpose facilities. | | | |

## C.2.2 200 Area Cleanup Work

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Optimize Central Plateau Remediation /Closure – Plan optimized Central Plateau Actions**<br>Develop a plan that utilized the Central Plateau zone closure strategy approach (as described in Draft A of the *Optimization Strategy for Central Plateau Closure, dated 9-30-03*. Develop a lifecycle cost estimate and schedule for closure of the Central Plateau zones. | The contractor shall develop a Plan for Central Plateau Closure, in close coordination with RL. The plan shall include:<br>• Description of the zone closure strategy and regulatory approach<br>• Listing and description of primary regulatory decisions needed for closure of geographic zones.<br>• Strategy for transition from current operable unit planning to the zone closure approach<br>• Listing of programmatic, regulatory and technical issues with a path forward and timeline for resolution.<br>• Identification of key interfaces and support required from the groundwater management program, legacy management, Hanford Site Infrastructure, River Protection Project, and waste processing and disposal operations.<br>• Description of zones, including accurate facilities and waste sites numbers, locations, and assignments in each zone; waste and material forecasts and mission objectives.<br>• Project level schedule including logic, duration, key critical activities, milestones and potential Tri Party Agreement milestone impacts<br>• Planning assumptions, the basis for the assumptions, description of key project risks and actions needed to mitigate risks and validate assumptions.<br>• Lifecycle conceptual cost estimate, based on the revised technical approach and planning assumptions, that reflects the estimated cost for each zone and the estimated cost for the major process steps within each zone.<br>• Previously unidentified worksope (e.g. waste sites, facilities, pipelines) that was not included in the existing baseline.<br><br>The terms and conditions of this contract will dictate the extent to which the contractor shall manage resulting programmatic, regulatory, and technical issues and associated project risk mitigation. | CD338<br>Plan for Central Plateau Zone Closure<br>**Due:** 30 September 2004 | None Identified |

## C.2.2.1 200 Area Facility Cleanup

### C.2.2.1.1 Surplus Canyon and Ancillary Facilities

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Disposition Surplus Canyon Facilities and Ancillary Facilities**<br>Perform the facility assessment and submit for the lead regulating agency and DOE decision. Flush, isolate and blank process or sub-process systems; remove radioactive and hazardous materials and mixed wastes; deactivate non-essential systems and utilities; remove excess materials and equipment. Achieve the final end state for the facility (e.g. entombment or dismantlement and site restoration) including closure of any TSDs. At the point where all systems and spaces at the facility achieve their respective end state condition, disposition is achieved and the DOE will verify the end state. | The Contractor shall develop and initiate an integrated cleanup approach for the U Plant, ancillary facilities, surrounding waste sites, and pipelines.<br><br>The Contractor shall demolish to slab-on-grade ten of the U Plant Ancillary Facilities and structures from the list below, including at least one nuclear facility as identified in the HSTD:<br>• 2714-U UO3 Storage Facility<br>• 2715-U Oil Storage Building<br>• 2715-UA Insulators Shop<br>• 2716-U UO3 Plant Fire Protection<br>• 2726-U Propane Gas Storage Facility<br>• 203-U – Uranium Storage Tank Enclosure<br>• 211-U Chemical Tank Farms<br>• 211-UA Chemical Tank Farms<br>• 2709-A Change House at 2714-U<br>• 222-U Laboratory<br>• 272-U – Hot Shop/Cold Maintenance Shop<br>• 275-UR Storage Warehouse.<br><br>**This work scope shall be done in compliance with:**<br>• HNF-11186, "B Plant Authorization Agreement"<br>• HNF-11187, "Plutonium-Uranium Extraction Authorization Agreement" | CD0008<br>Plan to optimize timing and sequencing for disposition of excess facilities and remediation of waste sites<br>**Due:** 30 September 2003 | None Identified |
| | | CD0339<br>Regulatory concurrence on action memorandum for U Plant Ancillary Facilities<br>**Due:** 31 December 2005 | None Identified |
| | | CD0340<br>Regulator issued Record-of-Decision for Canyon Disposition Initiative (221-U Facility)<br>**Due:** 31 December 2005 | None Identified |
| | | CD0341<br>Ten U Plant Ancillary Facilities and structures demolished to slab-on-grade.<br>**Due:** 31 March 2006 | None Identified |
| | | CD0015<br>Deactivated or dispositioned facilities as identified in the table below<br>**Due:** 30 September 2006 | None Identified |
| | | CD0016<br>233-S (Pu Concentration Facility) and the 233-SA (Exhaust Filter Building) demolished to slab-on-grade.<br>**Due:** 30 June 2004 | None Identified |

203U and 9 other of the 12 U Plant Ancillary facilities and structures listed below in Contract Period Scope will be demolished to slab-on-grade.

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post Contract Period Scope |
| 202A | PUREX Processing Building | | • Complete Disposition |
| 202S | REDOX Canyon | | • Complete Disposition |
| 203A | Acid Pump House | | • Complete Disposition |
| 203U | Uranium Storage Tank Enclosure | • Complete Disposition | |
| 203UX | Concentrated Uranium Storage Tank Enclosure | | • Complete Disposition |
| 204A | Acid Storage Vault, U Cell below Grade | | • Complete Disposition |
| 206A | Vacuum Acid Fractionator Building | | • Complete Disposition |
| 207B | Cooling Water Retention Basin | | • Complete Disposition |
| 207BA | CBC Sampler Building | | • Complete Disposition |
| 207S | Water Retention Basin (Backfilled W/Soil) | | • Complete Disposition |
| 207U | Water Retention Basin / Sample Shack | | • Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post-Contract Period Scope |
| 207U Retention basin | Water Retention Basin | | • Complete Disposition |
| 207U Sample shack | Water Retention Basin Sample Shack | | • Complete Disposition |
| 209E | Tank Farm Waste Support Facility | | • Complete Deactivation<br>• Complete Disposition |
| 210A | Oil Drum Storage (PUREX) | | • Complete Disposition |
| 211A | Chemical Makeup Tank Farm, Pump House | | • Complete Disposition |
| 211B | Chemical Makeup Tank Farm | | • Complete Disposition |
| 211BA151 | BCE Diversion / Pump Station | | • Complete Disposition |
| 211BB | Motor Control Center Building | | • Complete Disposition |
| 211S | Cold Chemical Makeup Tank Farm | | • Complete Disposition |
| 211U | Cold Chemical Makeup Tank Farm | • Complete Disposition | |
| 211UA | Cold Chemical Makeup Tank Farm | • Complete Disposition | |
| 212A | Fission Product Loadout Station | | • Complete Disposition |
| 212B | Fission Product Loadout, Cask Transfer Building | | • Complete Disposition |
| 213A | Fission Product Load-in Station | | • Complete Disposition |
| 214A | PUREX Warehouse | | • Complete Disposition |
| 215C | Gas Preparation Building | | • Complete Disposition |
| 216A | Valve Control Facility | | • Complete Disposition |
| 216A29A | 216A29 Ditch Control Structure | | • Complete Disposition |
| 216A524 | Crib Control Structure | | • Complete Disposition |
| 216E28A | Contingency Pond Control Structure | | • Complete Disposition |
| 217A | SAMSCONS Surveillance for Deactivating PUREX Bldg | | • Complete Disposition |
| 217B | Demineralizer Building | | • Complete Disposition |
| 218E14 | PUREX Plant Storage Tunnel #1 | | • Complete Disposition |
| 218E15 | PUREX Plant Storage Tunnel #2 | | • Complete Disposition |
| 218E7 | Vault - behind 222B, inactive | | • Complete Deactivation<br>• Complete Disposition |
| 219B | Hazardous Waste Emergency Equipment Storage | | • Complete Disposition |
| 221A | Former KEH Pipefitter Shop | | • Complete Disposition |
| 221B | B Plant Canyon | | • Complete Disposition |
| 221BA | Cooling Water Monitoring Station | | • Complete Disposition |
| 221BB | Process Steam and Condensate Building | | • Complete Disposition |
| 221BC | SWP Change House | | • Complete Disposition |
| 221BD | Laundry Storage Building | | • Complete Disposition |
| 221BF | Condensate Effluent Discharge Facility at B Plant | | • Complete Disposition |
| 221BG | B Plant Cooling Water Sampling Bldg | | • Complete Disposition |
| 221BK | Canyon Exhaust Instrumentation Building and Canyon Exhaust Stack | | • Complete Disposition |
| 221U | U Plant Canyon Building | | • Complete Disposition |
| 222B | Office Building | | • Complete Disposition |
| 222T | Office Administration Building | | • Complete Deactivation<br>• Complete Disposition |
| 222U | Office Administration Building | • Complete Deactivation<br>• Complete Disposition | |
| 2231E | Storage Building | | • Complete Disposition |
| 2232E | Storage Building (Ladders) | | • Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post Contract Period Scope |
| 2233E | Storage Building | | • Complete Disposition |
| 224B | Plutonium Concentration Facility | | • Complete Disposition |
| 224T | Transuranic Storage and Assay Facility | | • Complete Disposition<br>• Complete Characterization |
| 224U | Facility, UO3 Plant | | • Complete Disposition |
| 224UA | UO3 Calcination and Loadout Facility | | • Complete Disposition |
| 2259W | Office Building | | • Complete Disposition |
| 225B-BA | 225B Boiler Annex | | • Complete Deactivation<br>• Complete Disposition |
| 225EC | TEDF - Local Control Unit 55C-13 | | • Complete Disposition |
| 2262W | Painters Storage Building | • Complete Deactivation | • Complete Disposition |
| 2264W | Storage Building | | • Complete Disposition |
| 2306W | Gas Bottle Storage Skid Shack | | • Complete Disposition |
| 231Z | Pu Metallurgy Lab | | • Complete Disposition |
| 2314W | Bench Stock Storage (Skid Shack) | | • Complete Disposition |
| 2315W | Ice House (Skid Shack) | | • Complete Disposition |
| 233S | Plutonium Concentration Facility | • Complete Disposition | |
| 233SA | Exhaust Air Filter Building | • Complete Disposition | |
| 241C801 | Cesium Loadout Building | | • Complete Disposition |
| 241WR | Vault - Thorium Storage | | • Complete Disposition |
| 242B | Radioactive Particle Research Laboratory | | • Complete Deactivation<br>• Complete Disposition |
| 242BL | Cask Loading Building | | • Complete Deactivation<br>• Complete Disposition |
| 245A | Effluent Monitoring Lift Station #1 | | • Complete Disposition |
| 252AB | Electrical Substation | | • Complete Disposition |
| 252AC | Electrical Substation | | • Complete Disposition |
| 252BY | Substation 13.8 kV | | • Complete Disposition |
| 252E | Electrical Switching Station 13.8kV | | • Complete Disposition |
| 252W | Electrical Switching Station -13.8kV | | • Complete Disposition |
| 2701AB | PUREX Badge House | | • Complete Disposition |
| 2701EC | Guard Station for 209E | | • Complete Disposition |
| 2701M | Office Building | | • Complete Disposition |
| 2704W | Office Building | | • Complete Disposition |
| 2707E | Change House | | • Complete Disposition |
| 2708S | Insulator Shop / Storage Building | | • Complete Disposition |
| 2709A | Change House at 2714U | • Complete Disposition | |
| 270E | Underground Condensate Neutralization Tank | | • Complete Disposition |
| 270W | Underground Condensate Neutralization Tank | | • Complete Disposition |
| 2710E | Coal Handlers Shelter | | • Complete Disposition |
| 2710S | Inert Gas Generator Building | | • Complete Disposition |
| 2710W | Coal Handlers Shelter | | • Complete Disposition |
| 2711A | Air Compressor Building | | • Complete Disposition |
| 2711B | Breathing Air Compressor Bldg | | • Complete Disposition |
| 2711S | Stack Gas Monitoring Station | | • Complete Disposition |
| 2712A | Pump House | | • Complete Disposition |
| 2713E | Office Administration Building | | • Complete Disposition |
| 2714A | Dry Chemical Warehouse | | • Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post-Contract Period Scope |
| 2714U | Warehouse | • Complete Deactivation<br>• Complete Disposition | |
| 2715B | Paint Storage Building | | • Complete Disposition |
| 2715E | Storage Building | | • Complete Disposition |
| 2715EA | Drum Storage Shed | | • Complete Disposition |
| 2715EC | Paint Shop | | • Complete Deactivation<br>• Complete Disposition |
| 2715M | Paint Storage Building | | • Complete Disposition |
| 2715S | Oil Storage Building | | • Complete Disposition |
| 2715U | Oil Storage Shed | • Complete Disposition | |
| 2715UA | Insulator Shop | • Complete Disposition | |
| 2716A | RM Checkout Station | | • Complete Disposition |
| 2716B | RM Checkout Station, RR Tunnel | | • Complete Disposition |
| 2716U | UO3 Plant Fire Protection Shed | • Complete Disposition | |
| 2718E | Critical Mass Laboratory Fissile Storage Building | | • Complete Deactivation<br>• Complete Disposition |
| 2718S | Sand Filter Sampler Monitoring Station | | • Complete Disposition |
| 2719E | Office Machine Storage | | • Complete Disposition |
| 271AB | PUREX Maintenance Support Facility | | • Complete Disposition |
| 271B | B Plant Support Building | | • Complete Disposition |
| 271BA | Laundry Storage Bldg | | • Complete Disposition |
| 271U | U Plant Admin Bldg | | • Complete Disposition |
| 2722E | Office Building | | • Complete Disposition |
| 2722W | Welding Laboratory Building | | • Complete Disposition |
| 2723W | Mask Laundry and Office Building | | • Complete Disposition |
| 2726U | Propane Gas Tank Saddles | • Complete Disposition | |
| 272E | Fabrication, Mockup Shop Building | | • Complete Disposition |
| 272U | Hot Shop/Cold Maintenance Shop | • Complete Disposition | |
| 275U/R | Chemical Storage Warehouse | • Complete Disposition | |
| 276A | Cold Solvent Storage Building, R Cell | | • Complete Disposition |
| 276B | Paint Shop | | • Complete Disposition |
| 276C | Industrial Building - Solvent Handling Bldg | | • Complete Disposition |
| 276S | Cold Solvent Storage & Makeup Building | | • Complete Disposition |
| 276S141 | Part of 276S Solvent Handling Facility | | • Complete Disposition |
| 276S142 | Part of 276S Solvent Handling Facility | | • Complete Disposition |
| 276U | Solvent Recovery Tanks | | • Complete Disposition |
| 281A | Backup Generator Facility | | • Complete Disposition |
| 284E | 284E Power House & Steam Plant | | • Complete Disposition |
| 284EB | Power House Filtration Building | | • Complete Disposition |
| 284W | 284W Power House Steam Plant | | • Complete Disposition |
| 284WB | Package Boiler Plant (200W) | | • Complete Disposition |
| 2901A | Water Storage Tanks and Lines | | • Complete Disposition |
| 2904S160 | Control Structure | | • Complete Disposition |
| 2904S170 | Weir Structure | | • Complete Disposition |
| 2904S171 | Weir Control Structure | | • Complete Disposition |
| 2904S172 | Weir Control Structure | | • Complete Disposition |
| 2904SA | Cooling Water Sampling Bldg | | • Complete Disposition |
| 291A | Exhaust Air Filter & Stack Plenum | | • Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post Contract Period Scope |
| 291A001 | Stack, 202A Main | | • Complete Disposition |
| 291AA | Filter Cell #3 | | • Complete Disposition |
| 291AB | Exhaust Air Sampler House | | • Complete Disposition |
| 291AC | Exhaust Air Sampler House | | • Complete Disposition |
| 291AD | Filter Pit and Stack | | • Complete Disposition |
| 291AE | Filter Cell #4 | | • Complete Disposition |
| 291AF | #2 Filter and Drain Tank | | • Complete Disposition |
| 291AG | Sample Station #2 | | • Complete Disposition |
| 291AH | AOG Sample Station | | • Complete Disposition |
| 291AJ | Sample Station #3 | | • Complete Disposition |
| 291AK | Tunnel Spray Enclosure and Caisson | | • Complete Disposition |
| 291B | Exhaust Air Control House, Sand Filter & Stack | | • Complete Disposition |
| 291B001 | Stack, 221B Main | | • Complete Disposition |
| 291BA | Exhaust Air Sample House | | • Complete Disposition |
| 291BB | Instrument Bldg - A & B Filters | | • Complete Disposition |
| 291BC | A and B Filters | | • Complete Disposition |
| 291BD | C Filter and Instrument Bldg | | • Complete Disposition |
| 291BF | D Filter | | • Complete Disposition |
| 291BG | D Filter Instrument Bldg | | • Complete Disposition |
| 291BH | Instrument Bldg - E Filter | | • Complete Disposition |
| 291BJ | B Plant Instrument Bldg - F Filter | | • Complete Disposition |
| 291BK | Instrument Bldg - E & F Filters | | • Complete Disposition |
| 291S | Exhaust Fan House and Control Stack | | • Complete Disposition |
| 291S001 | Stack (202S Main) | | • Complete Disposition |
| 291U | Exhaust Fan Containment House, Sand Filter | | • Complete Disposition |
| 291U001 | Exhaust Air Stack (221 Main) | | • Complete Disposition |
| 292AA | PR Stack Sample House | | • Complete Disposition |
| 292AB | PUREX Gases Effluent Monitoring Bldg | | • Complete Disposition |
| 292B | Stack Monitor Station | | • Complete Disposition |
| 292S | Valve Pit House | | • Complete Disposition |
| 292U | Stack Monitoring Station | | • Complete Disposition |
| 293A | Off Gas Treatment Facility | | • Complete Disposition |
| 293S | Acid Recovery and Off Gas Treatment Facility | | • Complete Disposition |
| 294A | Off Gas Treatment and Monitoring Station | | • Complete Disposition |
| 295A | ASD Sample Station | | • Complete Disposition |
| 295AA | SCD Sample and Pumpout Station | | • Complete Disposition |
| 295AB | PDD Sample Station | | • Complete Disposition |
| 295AC | CSL Sample Station | | • Complete Disposition |
| 295AD | SWL Sample Station | | • Complete Disposition |
| 295AE | PDD Monitoring Bldg | | • Complete Disposition |
| 296A001 | Stack, 202A N & Q Cells Exhaust | | • Complete Disposition |
| 296A002 | Stack, 202A Gallery Hoods Exhaust | | • Complete Disposition |
| 296A003 | Stack, 202A Sample Gallery Exhaust | | • Complete Disposition |
| 296A006 | Stack, 202A Sample Gallery and U Cell Exhaust | | • Complete Disposition |
| 296A007 | Stack, PUREX West Sample Gallery and R Cell Exhaust | | • Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post-Contract Period Scope |
| 296A008 | Stack, PUREX Plant Pipe, Operating Gallery, and White Room Exhaust | | • Complete Disposition |
| 296A014 | Stack, 29EA Off Gas Treatment and Recovery Building | | • Complete Disposition |
| 296A024 | Stack, Ammonia-Scrubber Waste Concentrator | | • Complete Disposition |
| 296A05A | Stack, 202A Laboratory Hoods Exhaust | | • Complete Disposition |
| 296A05B | Stack, 202A Laboratory Hoods Exhaust | | • Complete Disposition |
| 296B001 | Canyon Ventilation Stack | | • Complete Disposition |
| 296B002 | Filter Vault Passive Vent Stack | | • Complete Disposition |
| 296B005 | Stack, 221BB B Plant Process Condensate Building | | • Complete Disposition |
| 296B013 | Stack, 221BF Condensate Effluent Discharge Facility Ventilation | | • Complete Disposition |
| 296B021 | Retired Pipe Gallery Exhauster | | • Complete Disposition |
| 296B022 | Gallery Exhauster for 221B Pipe Gallery Cell 8 | | • Complete Disposition |
| 296B023 | Gallery Exhauster for 221B Pipe Gallery Cells 12-16 | | • Complete Disposition |
| 296B024 | Gallery Exhauster for 221B Pipe Gallery Cells 20-24 | | • Complete Disposition |
| 296B025 | Gallery Exhauster for 221B Pipe Gallery Cell 28 | | • Complete Disposition |
| 296B026 | Gallery Exhauster for 221B Pipe Gallery Cell 32 | | • Complete Disposition |
| 296B027 | Gallery Exhauster for 221B Pipe Gallery Cells 36-40 | | • Complete Disposition |
| 296S001 | Stack | | • Complete Disposition |
| 296S002 | Stack (202S REDOX) | | • Complete Disposition |
| 296S004 | Stack (202S REDOX) | | • Complete Disposition |
| 296S006 | Stack (202S REDOX) | | • Complete Disposition |
| 296S007 | Stack | | • Complete Disposition |
| 296S007W | Stack | | • Complete Disposition |
| 296S012 | Stack | | • Complete Disposition |
| 296S07E | Stack | | • Complete Disposition |
| 296S07W | Stack | | • Complete Disposition |
| 296U006 | Stack | | • Complete Disposition |
| 296U010 | Stack | | • Complete Disposition |
| C8S49 | Main B Plant 291-B Area Substation | | • Complete Disposition |
| C8S77 | B Plant 291-B Area Substation | | • Complete Disposition |
| MO321 | SWP Change Room Trailer at 211U | | • Complete Disposition |
| MO387 | Continuous Air Monitor Equip Storage at 224T | | • Complete Disposition |

| Waste Site Closures | | |
|---|---|---|
| Site Number | Site Description | Associated Building Number |
| 200-E-137 | 200-E-137, 291-B Exhaust Stack, 291-B-1 | 291B001 |
| 200-E-138 | 200-E-138, 296-B-1 Exhaust Stack, 291-B Replacement Stack, Canyon Exhaust System, Canyon Ventilation Upgrade | 296B001 |

| Waste Site Closures | | |
|---|---|---|
| Site Number | Site Description | Associated Building Number |
| 200-E-16 | 200-E-16, B Plant Waste Concentrator, Low Level Waste Concentrator, Single-Stage Thermal Siphon Reboiler | 221B |
| 200-E-30 | 200-E-30, 291-B Sand Filter, 221-B Stack Sand Filter | 291B |
| 200-W-43 | 200-W-43, 291-S Stack Sand Filter | 291S |
| 200-W-44 | 200-W-44, 291-U Stack Sand Filter | 291U |
| 201-C | 201-C, 201-C Process Building | 201C |
| 202-A NU | 202-A NU, 202-A Neutralization Unit, Elementary Neutralization Unit/202-A Building, PUREX | 202A |
| 202-A-E-F11 | 202-A-E-F11, 202-A-TK-E-F11, PUREX Tank E-F11 | 202A |
| 202-A-E5 | 202-A-E5, 202-A-TK-E5, PUREX Tank E5 | 202A |
| 202-A-F15 | 202-A-F15, 202-A-TK-F15, PUREX Tank F-15 | 202A |
| 202-A-F16 | 202-A-F16, 202-A-TK-F16, PUREX Tank F16 | 202A |
| 202-A-F18 | 202-A-F18, 202-A-TK-F18, PUREX Tank F18 | 202A |
| 202-A-G7 | 202-A-G7, 202-A-TK-G7, PUREX Tank G7 | 202A |
| 202-A-U3 | 202-A-U3, 202-A-TK-U3, PUREX Tank U3 | 202A |
| 202-A-U4 | 202-A-U4, 202-A-TK-U4, PUREX Tank U4 | 202A |
| 202-S | 202-S, 202-S REDOX, S Plant | 202S |
| 205-A | 205-A, 205-A Silica Gel Facility | 205A |
| 207-U | 207-U, 207-U Retention Basin | 207U |
| 211-A NU | 211-A NU, 211-A Neutralization Unit, Elementary Neutralization Unit/211-A Building, PUREX | 211A |
| 215-C | 215-C, 215-C Gas Preparation Building | 215C |
| 217-B NU | 217-B NU, 217-B Neutralization Unit, Elementary Neutralization Unit/217-B Building | 217B |
| 218-E-14 | 218-E-14, PUREX Tunnel No. 1, PUREX Storage Tunnel | 218E14 |
| 218-E-15 | 218-E-15, PUREX Tunnel No. 2, PUREX Storage Tunnel | 218E15 |
| 221-B NANU | 221-B NANU, 221-B Nitric Acid Neutralization Unit, 221-B Elementary Neutralization Unit for Nitric Acid | 221B |
| 221-B SDT | 221-B SDT, 221-B Settle and Decant Tank, B Plant Settle and Decant Tank, 221-B-8-1 and 221-B-8-2, 221-B-TK-8-1 and 221-B-TK-8-2 | 221B |
| 221-B SHNU | 221-B SHNU, 221-B Sodium Hydroxide Neutralization Unit, 221-B Elementary Neutralization Unit for Sodium Hydroxide | 221B |
| 221-B-26-1 | 221-B-26-1, 221-B-TK-26-1, B Plant Radioactive Organic Waste Solvent Tank 1 | 221B |
| 221-B-27-2 | 221-B-27-2, 221-B-TK-27-2, 221-B Tank 27-2 | 221B |
| 221-B-27-3 | 221-B-27-3, 221-B-TK-27-3, B Plant Radioactive Organic Waste Solvent Tank 2 | 221B |
| 221-B-27-4 | 221-B-27-4, 221-B-TK-27-4, B Plant Radioactive Organic Waste Solvent Tank 3 | 221B |
| 221-B-28-3 | 221-B-28-3, 221-B-TK-28-3, B Plant Radioactive Organic Waste Solvent Tank 4 | 221B |
| 221-B-28-4 | 221-B-28-4, 221-B-TK-28-4, B Plant Radioactive Organic Waste Solvent Tank 5 | 221B |
| 221-B-29-4 | 221-B-29-4, 221-B-TK-29-4, B Plant Radioactive Organic Waste Storage Tank #7, 221-B TK-29-4 | 221B |
| 221-B-30-3 | 221-B-30-3, 221-B-TK-30-3, B Plant Radioactive Organic Waste Solvent Tank #6, 221-B TK-30-3 | 221B |
| 221-U | 221-U, 221-U Canyon Building, 221-U Building, U Plant | 221U |
| 224-B | 224-B, 224-B Concentration Facility | 224B |
| 224-U CNT | 224-U CNT, 224-U Condensate Neutralization Tank, 224-U Process Condensate Neutralization Tank, Process Condensate Elementary Neutralization Unit, Tank TK-C-5, 224-U-TK-C-5 | 224U |
| 224-T | 224-T, 224-T Canyon | 224T |
| 233-S | 233-S, 233-S Plutonium Concentration Facility | 233S |

| Waste Site Closures | | |
|---|---|---|
| Site Number | Site Description | Associated Building Number |
| 233-SA | 233-SA, 233-SA Exhaust Filter Building | 233SA |
| 242-B | 242-B, 242-B Evaporator | 242B |
| 271-U | 271-U, 271-U Office Building, 271-U Building | 271U |
| 2711-S | 2711-S, 2711-S Stack Monitoring Building | 2711S |
| 2718-S | 2718-S, 2718-S Sand Filter Monitor, 2718-S Sand Filter Sampler, 2718-S Filter Monitoring Building | 2718S |
| 276-S | 276-S, 276-S Solvent Handling Facility, 276-S Solvent Facility | 276S |
| 276-S-141 | 276-S-141, 276-S-TK-141, 276-S-306A, 276-S-141 Solvent Storage Tank, Tank 276-141, Hexone Storage Tank, 244-SX-15, IMUST, Inactive Miscellaneous Underground Storage Tank | 276S |
| 276-S-142 | 276-S-142, 276-S-TK-142, 276-S-306B, 276-S-142 Solvent Storage Tank, Tank 276-142, Hexone Storage Tank, 244-SX-15, IMUST, Inactive Miscellaneous Underground Storage Tank | 276S |
| 276-U | 276-U, 276-U Solvent Handling Facility, 276-U Solvent Facility, 276-U Solvent Recovery Facility | 276U |
| 2904-SA | 2904-SA, 2904-SA Cooling Water Sampler Building, 2904-SA Sample Building | 2904SA |
| 291-C | 291-C, 291-C Filter/Fan House, 291-C Fan and Filter Building, 201-C Air Tunnel | 202S |
| 291-S | 291-S, 291-S Fan Control Building, 291-S Fan House, 291-S Fan and Filter Building | 291S |
| 291-S-1 | 291-S-1, 291-S-1 Stack, REDOX Process and Canyon Exhaust | 291S001 |
| 291-U | 291-U, 291-U Fan Control House | 291U |
| 291-U-1 | 291-U-1, 291-U-1 Stack, 291-U Stack | 291U001 |
| 292-S | 292-S, 292-S Fan and Filter Building | 292S |
| 293-S | 293-S, 293-S Off Gas Treatment Facility, 293-S Off Gas Treatment, 293-S Off Gas Treatment and Recovery | 293S |
| 296-S-1 | 296-S-1, 296-S-1 Stack | 296S001 |
| 296-S-12 | 296-S-12, 296-S-12 Stacks | 276S<br>296S012 |
| 296-S-2 | 296-S-2, REDOX North Sample Gallery, Hoods Ventilation and PR Cage, 296-S-2 Stack | 296S002 |
| 296-S-4 | 296-S-4, REDOX Decontamination Room, Regulated Shop, Regulated Tool Room, Low-Level Decontamination Sink and Special Work Permit Lobby Vent | 296S004 |
| 296-S-6 | 296-S-6, 296-S-6 Stack, REDOX Silo Ventilation | 296S006 |
| 296-S-7 | 296-S-7, 296-S-7E, 296-S-7W, REDOX Product Building (233-S) Ventilation, Dual Stacks, 296-S-7 East and West Stacks | 296S007 |
| 296-U-10 | 296-U-10, 296-U-10 Stack | 271U |
| TRUSAF | TRUSAF, 224-T TRUSAF, Transuranic Assay Facility | 224T |

## C.2.2.1.2 Plutonium Finishing Plant (PFP) Cleanup

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Maintain Safe and Secure SNM**<br>Provide safe and compliant storage of Special Nuclear Material (SNM) at PFP until it has been removed from the PFP complex. | The Contractor shall meet the international safeguards agreements (including IAEA requirements) for nuclear materials at PFP assigned to IAEA.<br><br>The Contractor shall support DOE and the U.S. State Department nuclear non-proliferation objectives.<br><br>The Contractor shall support on site International Atomic Energy Agency visits, activities, and nuclear transactions. | CD0261<br>Annual Review of Nuclear Materials Management & Safeguards System (NMMSS) T-147 Project Number worksheet, Chapter VIII | None Identified |
| | | CD0263<br>Nuclear Materials Inventory Assessment Report (Annual) | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | Immediately upon SNM de-inventory, legacy hold up removal, Protected Area elimination, and after limited areas are no longer required, CRD O 473.2 and CRD 5480.20A shall no longer apply to PFP.<br><br>Immediately upon SNM de-inventory DOE 1270.2B shall no longer apply to PFP.<br><br>**This work scope shall be done in compliance with:**<br>• HNF-9830, "Plutonium Finishing Plant Authorization Agreement"<br>• CRD 5480.20A, "Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities"<br>• CRD M 474.1-1, "Manual for Control and Accountability of Nuclear Materials"<br>• CRD O 461.1, "Packaging and Transfer or Transportation of Materials of National Security Interest"<br>• CRD O 470.1, Chg 1 (Supp Rev 1), "Safeguards and Security Program Requirements"<br>• CRD O 473.2, "Protective Force Program"<br>• DOE 1270.2B, "Safeguards Agreement and Protocol with the International Atomic Energy Agency"<br>• LA-UR-00-3245, "Integrated Surveillance Program in Support of Long-Term Storage of Pu-Bearing Materials" | | |
| **Maintain Safe and Compliant PFP**<br>Operate and maintain the PFP facilities and associated waste sites, structures, operating systems and equipment, and monitoring systems within the authorization envelope. Maintain radiological control and access control to ensure personnel safety. | **This work scope shall be done in compliance with:**<br>• HNF-9830, "Plutonium Finishing Plant Authorization Agreement"<br>• CRD M 474.1-1, "Manual for Control and Accountability of Nuclear Materials"<br>• CRD O 461.1, "Packaging and Transfer or Transportation of Materials of National Security Interest"<br>• CRD O 470.1, Chg 1 (Supp Rev 1), "Safeguards and Security Program" | CD0020<br>Authorization Agreement for PFP (Review and update yearly) | None Identified |
| | | CD0021<br>PFP update to Documented Safety Analyses (DSA's) including Hazard Analysis Data) (Annual) | None Identified |
| **Stabilize SNM**<br>Stabilize and repackage Plutonium-bearing materials in storage at PFP (excluding fuel pins and assemblies). | PFP residues that meet the WIPP Waste Acceptance Criteria shall be disposed as TRU or TRU-Mixed Waste.<br><br>Low plutonium content material that meets Hanford Solid Waste Acceptance Criteria shall be disposed as Low Level or Low Level-Mixed Waste.<br><br>The Contractor shall repackage or radiograph 358 3013 containers that were originally packaged and welded prior to September 2001. Repackage per DOE/RL direction in letter 03-PTD-0038, dated Dec 27, 2002.<br><br>**This work scope shall be done in compliance with:**<br>• G-ESR-G-00035, Rev. 1, dated July 26, 2000, "Savannah River Site Stabilization and Packaging Requirements for Plutonium Bearing Materials in Storage"<br><br>• DOE-STD-3013, "Stabilization, Packaging and Storage of Plutonium - Bearing Materials" | CD0022<br>DNFSB 1994-1/2000-1 Pu bearing materials stabilized and packaged<br>**Due:** 18 February 2004 | None Identified |
| | | CD00250<br>M-83-13: Complete Repackaging of PFP Residues and Ship to CWC<br>**Due:** 30 April 2004 | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | • DOE/EIS-0244-FS-1, "Supplement Analyses"<br>• DOE/EIS-0244-FS-2, "Supplement Analyses"<br>• DOE/EIS-0244-FS-3, "Supplement Analyses"<br>• DOE/EIS-0244-FS-4, "Supplement Analyses"<br>• DOE/EIS-0244-FS-5, "Supplement Analyses"<br>• DOE/EIS-0244-FS-6, "Supplement Analyses"<br>• DOE/EIS-0244-FS-7, "Supplement Analyses"<br>• DOE/EIS-0244-FS-8, "Supplement Analyses"<br>• DOE/EIS-0244-FS-9, "Supplement Analyses"<br>• DOE/EIS-0244F, "Record of Decision for Plutonium Finishing Plant Stabilization Final EIS", June 1996<br>• DOE/WIPP-02-3122, Rev. 0.1, "Contact-Handled Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant" | | |
| **Disposition SNM**<br>Remove SNM from PFP and transport to either Savannah River or approved storage facility. | All plutonium shall be packaged in certified packages for transport in accordance with applicable shipper/receiver agreements, SARP, and Certificate of Compliance.<br><br>All off site shipments of plutonium shall be by SST or commercial carrier in compliance with applicable DOE, U.S. Department of Transportation and U.S. Nuclear Regulatory Commission requirements and regulations.<br><br>Low plutonium content material that meets Hanford Solid Waste Acceptance Criteria shall be disposed as radioactive solid waste.<br><br>Miscellaneous nuclear materials to be dispositioned are the following at PFP as of 1 May 2004:<br>• HEU Fuel Pins<br>• Sodium bonded fuel<br>• Potentially NaK bonded fuel<br>• Pu-Be sources<br>• Am-Be sources<br>• Pu-238 sources<br>• Surplus californium items<br>• Surplus thorium items<br>• Surplus strontium items<br>• Surplus neptunium items<br>• Surplus selenium items<br>• Surplus rubidium items<br>• Surplus uranium items (excluding U-233)<br>• Surplus U-233 items<br>• Surplus americium items (excluding Am-Be)<br>• Sources/standards not needed to support D&D of PFP<br><br>**This work scope shall be done in compliance with:**<br>• G-ESR-G-00035, Rev. 1, dated July 26, 2000, "Savannah River Site Stabilization | CD0023<br>PFP 3013 containers and unirradiated fuel shipped to Savannah River or other approved location.<br>**Due:** 30 September 2006 | None Identified |
| | | CD0419<br>PFP SNM removed such that Safeguards & Security controls for a PA are no longer needed and documentation that remaining nuclear material at PFP does not require a protected area<br>**Due:** 30 September 2006 | None Identified |
| | | None Identified | GF0112<br>Authorization to ship Hanford Pu to SRS or other location.<br>**Due:** 30 August 2004 |
| | | None Identified | GF0113<br>Authorization to ship un-irradiated fuel pins and assemblies including contaminated driver fuel assemblies in MFFPs to SRS<br>**Due:** 30 September 2005 |
| | | None Identified | GF0114<br>Minimum of 32 SST convoys (3 SSTs per convoy at a rate of 18 convoys between FY 2004 and FY 2005, and 14 convoys in FY 2006) for PFP de-inventory (not to exceed three convoys in one month).<br>**Due:** 15 September 2006 |
| | | None Identified | GF0115<br>Emptied MFFP shipping casks available to return to Hanford<br>**Due:** TBD |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | and Packaging Requirements for Plutonium Bearing Materials in Storage"<br>• CRD O 460.2, Chg 1, "Departmental Materials Transportation & Packaging Management"<br>• CRD O 461.1, "Packaging and Transfer or Transportation of Materials of National Security Interest"<br>• DOE-STD-3013, "Stabilization, Packaging and Storage of Plutonium - Bearing Materials"<br>• DOE/EIS-0283, "Record of Decision for the Surplus Plutonium Disposition Final EIS", January 2000 | CD0391<br>Disposition miscellaneous nuclear material stored at PFP | None Identified |
| | | CD0407<br>LAMPRE fuel shipped | None Identified |
| | | CD0408<br>Slightly irradiated FFTF fuel shipped | None Identified |
| **Disposition PFP**<br>Disposition PFP buildings (63) to slab-on-grade condition. Remove legacy Pu holdup materials from PFP buildings, equipment, ducts, and gloveboxes. Prepare and package waste streams for disposition as required and dispose as appropriate. | Underground equipment and tanks (e.g., septic tanks, fuel tanks, waste tanks) and utilities (e.g., drain lines, ducts, power lines, cathodic protection, etc.) will not be remediated and will be left in place, unless specifically noted in the end point criteria document.<br><br>The Contractor shall transition 10 support facilities to slab-on-grade per the PFP Complex End Point Criteria excluding installation of the final contamination control cap and completion of the PFP complex-wide administrative criteria.<br><br>The Contractor shall transition 232Z at PFP to slab-on-grade per the PFP complex End Point Criteria excluding installation of the final contamination control cap and completion of the PFP complex-wide administrative criteria.<br><br>Readily retrievable hold-up material shall be removed, treated (if required), packaged and dispositioned.<br><br>M-83-14: Complete 100% Legacy Pu Holdup Removal by 30 September 2006<br><br>M83-40: Complete transition and dismantlement of the 232-Z building incinerator. Remove the 232-Z building pursuant to the final action memoranda and work plans. Included in this milestone is the portion of the 232-Z exhaust duct inside the 291-Z building, consistent with the end point criteria developed in M-83-20. DOE deactivation and decontamination activities may proceed in advance of CERCLA decision documents in accordance with section 8 of the HFFACO.<br><br>M-083-031: Discontinue waste discharges from the 241-Z tanks to tank farms via existing lines. After June 30, 2005, no waste liquid effluent discharges from 241-Z tank system to tank farms via the existing transfer piping lines will occur. (Transfers by other means, such as a tanker truck, are allowed.)<br><br>**This work scope shall be done in compliance with:** | CD0336<br>241-Z/ZA demolition ready<br>**Due:** 30 September 2006 | None identified |
| | | CD0337<br>10 PFP facilities demolished to slab-on-grade or excessed.<br>**Due:** 30 September 2005 | None identified |
| | | CD0338<br>236-Z Petcil tanks removed or decontaminated.<br>**Due:** 30 September 2006 | None identified |
| | | CD0411<br>236-Z Process Equipment removed or decontaminated<br>**Due:** 30 September 2006 | None identified |
| | | CD0339<br>189 Pu contaminated gloveboxes and hoods in 234-5Z removed or decontaminated.<br>**Due:** 30 September 2006 | None identified |
| | | CD0418<br>242-Z characterized<br>**Due:** 30 September 2006 | None identified |
| | | CD0340<br>242-Z Pu and Americium contaminated gloveboxes and contaminated chemical processing tanks cleaned out<br>**Due:** 30 September 2006 | None identified |
| | | CD0341<br>Size reduction and disposition or decontaminate to low level waste of HA-20MB glovebox completed.<br>**Due:** 31 March 2006 | None identified |
| | | CD0412<br>Approximately 600 contaminated Pu nitrate solution storage containers dispositioned<br>**Due:** 30 September 2006 | None identified |
| | | CD0255<br>M-83-31: Discontinue Waste Discharges from the 241-Z Tanks to Tank Farms<br>**Due:** 30 June 2005 | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | • HNF-9830, Rev 0, "Plutonium Finishing Plant Authorization Agreement between US Department of Energy, Richland Operations Office and Fluor Hanford, Inc."<br>• DOE-STD-3013, "Stabilization, Packaging and Storage of Plutonium - Bearing Materials" | CD0252<br>M-83-20: Submit Facility End Point Criteria Document to Ecology<br>**Due:** 30 September 2003 | None Identified |
| | | CD0024<br>Legacy Pu holdup removed and dispositioned<br>**Due:** 30 September 2005 | None Identified |
| | | CD0335<br>241-Z isolated from underground transfer line to tank farms<br>**Due:** 30 June 2005 | None Identified |
| | | CD0253<br>M-83-21: Submit to Ecology a PFP Residual Chemical Hazards Assessment<br>**Due:** 31 December 2002 | None Identified |
| | | CD0254<br>M-83-30: Submit Closure Plan for 241-Z Waste Treatment Facility TSD Unit to Ecology<br>**Due:** 31 July 2003 | None Identified |
| | | CD0342<br>232-Z demolished to slab-on-grade<br>**Due:** 31 March 2006 | None Identified |
| **Remove PFP Slab and Contaminated Soil**<br>For the remaining PFP slabs and contaminated soil, perform characterization and assessments, and submit for the lead regulating agency and Department of Energy decision. Perform the activities necessary to achieve a final end state to remove slabs and contaminated soil. Final end states will be verified. DOE will perform verification surveys and completion audits. | **Post Contract Period:**<br>After completion of PFP facilities demolition to slab-on-grade, the Contractor shall complete cleanup of the PFP slabs and surrounding soil in compliance with regulator and DOE decisions. | None Identified | None Identified |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 216Z9A | Contaminated Soil Removal Building | | • Complete Disposition |
| 216Z9B | Z-9 Mining Facility | | • Complete Disposition |
| 216Z9C | 216-Z-9 Weather Enclosure | | • Complete Disposition |
| 225WC | PFP Wastewater Sampling Facility | | • Complete Disposition |
| 232Z | Waste Incinerator Facility | • Slab-On-Grade | |
| 234-5Z | PFP Pu Processing & Storage | | • Complete Disposition |
| 234-5ZA | PFP Change Room Addition | | • Complete Disposition |
| 234ZB | Waste Material Storage Building | • Slab-On-Grade | • Complete Disposition |
| 234ZC | Waste Drum Storage and Loading Dock | •Slab-On-Grade | |
| 236Z | Plutonium Reclamation Building | | • Complete Disposition |
| 241Z | Tank Farm Waste Disposal Building | • Demolition Ready | • Complete Disposition |
| 241ZA | Waste Disposal Sample Loadout Building | • Demolition Ready | • Complete Disposition |
| 241ZB | Bulk Chemical Storage Tank | •Slab-On-Grade | • Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post-Contract Period Scope |
| 241ZG | Change Facility for 241-Z | | • Complete Disposition |
| 241ZRB | Retention Basins | | • Complete Disposition |
| 242Z | Waste Treatment & Americium Extraction Facility | | • Complete Disposition |
| 243Z | Low-Level Waste Treatment Facility | | • Complete Disposition |
| 243ZA | Low Level Waste Treatment Facility | | • Complete Disposition |
| 243ZB | Cooling Towers and Concrete Pad | | • Complete Disposition |
| 267Z | Fire Riser #9 Valve House | | • Complete Disposition |
| 2701ZA | Patrol Central Alarm Monitoring Station /Z-Plant | | • Complete Disposition |
| 2701ZD | PFP Badge House | | • Complete Disposition |
| 2702Z | Microwave Tower and Support Building | | • Complete Disposition |
| 2704Z | Office Administration Building | | • Complete Disposition |
| 2705Z | PFP Operations Control Facility | | • Complete Disposition |
| 270Z | PFP Operations Support Bldg | | • Complete Disposition |
| 2712Z | Stack Sampling & Monitoring Station | | • Complete Disposition |
| 2715Z | Oil & Solvent Storage Building | • Slab-On-Grade | • Complete Disposition |
| 2721Z | Emergency Generator Service Building | | • Complete Disposition |
| 2727Z | Supply Storage Building | | • Complete Disposition |
| 2729Z | Storage Building | | • Complete Disposition |
| 2731Z | PR Can Storage Building | •Slab-On-Grade | • Complete Disposition |
| 2731ZA | Container Storage Building | | • Complete Disposition |
| 2734Z | Gas Cylinder Storage Building | • Slab-On-Grade | • Complete Disposition |
| 2734ZA | Gas Storage | | • Complete Disposition |
| 2734ZB | Gas Storage | | • Complete Disposition |
| 2734ZC | Gas Storage | | • Complete Disposition |
| 2734ZD | Process Gas Storage | | • Complete Disposition |
| 2734ZF | Gas Storage | | • Complete Disposition |
| 2734ZG | Gas Storage | | • Complete Disposition |
| 2734ZH | Gas Storage | | • Complete Disposition |
| 2734ZJ | Liquid Nitrogen Storage Pad & Tank | | • Complete Disposition |
| 2734ZK | Gas Cylinder Storage | | • Complete Disposition |
| 2734ZL | Hydrogen Fluoride Facility | | • Complete Disposition |
| 2735Z | Chemical Storage Tanks and Catch Basin | •Slab-On-Grade | • Complete Disposition |
| 2736Z | Plutonium Storage Building | | • Complete Disposition |
| 2736ZA | Plutonium Storage Ventilation Structure | | • Complete Disposition |
| 2736ZB | Plutonium Storage Support Facility | | • Complete Disposition |
| 2736ZC | Cargo Restraint Transport Dock | | • Complete Disposition |
| 2736ZD | Fuel Storage Cask Structure | | • Complete Disposition |
| 2902Z | Elevated Water Storage Tank and Tower | •Slab-On-Grade | • Complete Disposition |
| 2904ZA | Liquid Effluent Monitoring Station | •Slab-On-Grade | • Complete Disposition |
| 2904ZB | Monitoring Building | | • Complete Disposition |
| 291Z | Ventilation Exhaust Fan House | | • Complete Disposition |
| MO014 | Mobile Office | | • Complete Disposition |
| MO264 | Mobile Office | •Excess | • Complete Disposition |
| MO428 | Mobile Office | | • Complete Disposition |
| MO429 | Mobile Office | | • Complete Disposition |
| MO432 | Mobile Office | | • Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post-Contract Period Scope |
| MO834 | Mobile Office | •Demolished | |
| MO839 | Mobile Office | •Demolished | |
| MO970 | Mobile Office | | • Complete Disposition |
| MO971 | Mobile Office | | • Complete Disposition |

| Waste Site Closures | | |
|---|---|---|
| Site Number | Site Description | Associated Building Number |
| 207-Z | 207-Z, 207-Z Retention Basin, 241-Z Retention Basin, 241-Z-RB | 241ZRB |
| 232-Z | 232-Z, 232-Z Waste Incineration Facility, 232-Z Incineration Facility, 232-Z Incinerator | 232Z |

## C.2.2.1.3 Waste Encapsulation and Storage Facility (WESF) Cleanup

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Maintain Safe and Compliant WESF**<br>Safely store the cesium and strontium capsules in the WESF pool cells. Operate and maintain the WESF facilities and associated waste sites, structures, operating systems and equipment, and monitoring systems within the authorization envelope. Prepare and package waste streams for disposition as required and dispose as appropriate. Maintain radiological control and access control to ensure personnel safety. | **This work scope shall be done in compliance with:**<br>• HNF-10611, "WESF Authorization Agreement"<br>• CRD O 470.1, Chg 1 (Supp Rev 1), "Safeguards and Security Program" | CD0026<br>Waste Encapsulation and Storage Facility Update to Final Safety Analysis Report (SAR) (Including Hazard Analysis Data) (Annual) | None Identified |
| | | CD0027<br>Authorization Agreement for WESF (review and update yearly) | None Identified |
| **Disposition Capsules**<br>Remove cesium and strontium capsules from the WESF pool cells, and package the capsules for disposal to a national repository. | **Post Contract Period:**<br>The Contractor shall direct ship Cs/Sr capsules from WESF to MGR starting in 2018.<br>**This work scope shall be done in compliance with:**<br>• CRD O 460.2, Chg 1, "Departmental Materials Transportation & Packaging Management"<br>• CRD O 470.1, Chg 1 (Supp Rev 1), "Safeguards and Security Program"<br>• CRD O 473.2, "Protective Force Program" | None Identified | None Identified |
| **Transition WESF**<br>Deactivate the WESF after all the capsules have been removed from the WESF pool cells. | **Post Contract Period:**<br>The Contractor shall clean close the permitted portions of the WESF in compliance with the WESF RCRA closure plan. | None Identified | None Identified |
| **Disposition WESF**<br>Disposition the WESF through demolition of ancillary buildings and demolition or entombment of the 225-B process cells and filter pits. | **Post Contract Period:**<br>The Contractor shall complete D4 of the WESF buildings after removal of cesium and strontium capsules. | None Identified | None Identified |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 211BA | BCE Neutralization | | • Complete Transition<br>• Complete Disposition |
| 218B | Emergency Equipment Storage Shed | | • Complete Transition<br>• Complete Disposition |
| 225B | Waste Encapsulation & Storage Facility | | • Complete Transition<br>• Complete Disposition |
| 225BA | K1 Filter Pit Encapsulation Facility | | • Complete Transition<br>• Complete Disposition |
| 225BB | K3 Filter Pit Encapsulation Facility | | • Complete Transition<br>• Complete Disposition |
| 225BC | Encapsulation Compressor Facility | | • Complete Transition<br>• Complete Disposition |
| 225BD | Encapsulation Waste Monitoring & Sample Bldg | | • Complete Transition<br>• Complete Disposition |
| 225BE | Encapsulation Maintenance Shop | | • Complete Transition<br>• Complete Disposition |
| 225BF | WESF Tanker Loadout Station | | • Complete Transition<br>• Complete Disposition |
| 225BG | WESF Closed Loop Cooling Equipment Building | | • Complete Transition<br>• Complete Disposition |
| 272B | Electrical Maintenance Shop | | • Complete Transition<br>• Complete Disposition |
| 272BA | Dry Material Storage Building | | • Complete Transition<br>• Complete Disposition |
| 272BB | Insulation Shop | | • Complete Transition<br>• Complete Disposition |
| 282B | Water Pump House South | | • Complete Transition<br>• Complete Disposition |
| 282BA | Water Pump House North | | • Complete Transition<br>• Complete Disposition |
| 294B | Backflow Preventer Building | | • Complete Transition<br>• Complete Disposition |
| 296B010 | WESF Stack Exhaust | | • Complete Transition<br>• Complete Disposition |

| Waste Site Closures | | |
|---|---|---|
| **Site Number** | **Site Description** | **Associated Building Number** |
| WESF | WESF, Waste Encapsulation and Storage Facility, 225-B | 211BA<br>218B<br>225B<br>225BA<br>225BB<br>225BC<br>225BD<br>225BE<br>225BF<br>225BG<br>272B<br>272BA<br>272BB<br>282B<br>282BA |

| | | |
|---|---|---|
| | | 294B |

## C.2.2.1.4 Balance of 200 Area Facilities Cleanup

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Disposition Balance of the 200 Area Facilities**<br>Perform the facility assessment and submit for the lead regulating agency and DOE decision. Perform transition activities (e.g., Flush, isolate and blank process or sub-process systems; remove radioactive and hazardous materials and mixed wastes; deactivate non-essential systems and utilities; remove excess materials and equipment). Achieve the final end state for the facility (e.g. entombment or dismantlement and site restoration) including closure of any TSDs. As the point where all systems and spaces at the facility achieve their respective end state condition, disposition is achieved and the DOE will verify the end state. | The Contractor shall disposition the assigned 200 Area facilities in compliance with regulator and DOE decisions.<br><br>The Contractor shall initiate disposition of B Plant Construction lay down yard facilities.<br><br>**Post Contract Period:**<br>The Hallam and SRE sodium stored in 2727-W and the South Alkali Metal Storage Facility will be dispositioned along with the FFTF bulk sodium as described in Section C.2.4.1, "Disposition FFTF Sodium". | CD0360<br>Ten B Plant structures (see End State Definition Table below) demolished to slab-on-grade<br>**Due:** 31 March 2006 | None Identified |
| | | CD0361<br>Twenty-two (cumulative) B Plant structures (see End State Definition Table below) demolished to slab-on-grade<br>**Due:** 30 September 2006 | None Identified |
| | | CD0362<br>Deactivated or dispositioned facilities as identified in the table below<br>**Due:** 30 September 2006 | None Identified |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 200CC-BA | Construction Complex Boiler Annex | | • Complete Transition<br>• Complete Disposition |
| 200E SALDS | 200E SALDS | | • Complete Transition<br>• Complete Disposition |
| 201W | Vegetation and Animal Control Shop SE CRN 200W | | • Complete Transition<br>• Complete Disposition |
| 2025E | Effluent Treatment Facility -200E | | • Complete Transition<br>• Complete Disposition |
| 2025EA | Effluent Treatment Office Bldg | | • Complete Transition<br>• Complete Disposition |
| 2025EC | ETF Truck Load-in | | • Complete Transition<br>• Complete Disposition |
| 2025EC71 | ETF LCU Building | | • Complete Transition<br>• Complete Disposition |
| 2101M | Spare Parts Warehouse, Office Bldg | | • Complete Transition<br>• Complete Disposition |
| 210E | CEMENT STORAGE | | • Complete Transition<br>• Complete Disposition |
| 211T | Cold Chemical Makeup Tank Farm | | • Complete Transition<br>• Complete Disposition |
| 211TS2 | Instrumentation Building | | • Complete Transition<br>• Complete Disposition |
| 2120WA | CWC Equipment Storage Building | | • Complete Transition<br>• Complete Disposition |
| 2120WB | CWC Equipment Storage Building | | • Complete Transition<br>• Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 212H | Canister Storage Building | | • Complete Transition<br>• Complete Disposition |
| 2125E | ETF North End Storage Facility | | • Complete Transition<br>• Complete Disposition |
| 214T | Metal Chemical Storage Building | | • Complete Transition<br>• Complete Disposition |
| 216ZP1 | MAIN PROCESS FACILITY 200-ZP-1 | | • Complete Transition<br>• Complete Disposition |
| 216ZP1A | INJECTION MANIFOLD BUILDING | | • Complete Transition<br>• Complete Disposition |
| 216ZP1B | Extraction Manifold Building | | • Complete Transition<br>• Complete Disposition |
| 216ZP1C | Extraction Manifold Building | | • Complete Transition<br>• Complete Disposition |
| 218W5-252 | Electrical Control Building - Trench 31 | | • Complete Transition<br>• Complete Disposition |
| 218W5-252A | Electrical Control Building - Trench 34 | | • Complete Transition<br>• Complete Disposition |
| 2200B | Construction Portal Monitoring Building | • Complete Transition<br>• Complete Disposition | |
| 2201B | Construction Ice House at 227B | • Complete Transition<br>• Complete Disposition | |
| 221T | T-Plant Canyon | | • Complete Transition<br>• Complete Disposition |
| 221TA | Fan House | | • Complete Transition<br>• Complete Disposition |
| 221TB | Laundry Storage Skid Shack | | • Complete Transition<br>• Complete Disposition |
| 222S-BA | 222S Boiler Annex | | • Complete Transition<br>• Complete Disposition |
| 2230E | Materials Receiving and Distribution Warehouse | | • Complete Transition<br>• Complete Disposition |
| 2238E | Electrical Supervisors Office | • Complete Deactivation<br>• Complete Disposition | |
| 2239E | Carpenters Supervisors Office | • Complete Deactivation<br>• Complete Disposition | |
| 2240E | Paint Shop | • Complete Deactivation<br>• Complete Disposition | |
| 2241B | Laborer's Storage | • Complete Transition<br>• Complete Disposition | |
| 2242B | Carpenter Shop | • Complete Transition | • Complete Disposition |
| 2244B | Multi Craft Fabrication Shop | • Complete Transition<br>• Complete Disposition | |
| 2245B | Electrician's Lunchroom/Office | • Complete Transition<br>• Complete Disposition | |
| 2247B | Ironworker's Shop | • Complete Transition<br>• Complete Disposition | |
| 2249B | Bottle Storage | | • Complete Transition<br>• Complete Disposition |
| 2251E | Storage Building | • Complete Transition<br>• Complete Disposition | |
| 2252E | Storage Building | • Complete Transition<br>• Complete Disposition | |
| 2253E | Storage Building | • Complete Transition<br>• Complete Disposition | |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 2254E | Storage Building | • Complete Transition<br>• Complete Disposition | |
| 2255E | Bottle Dock | • Complete Transition<br>• Complete Disposition | |
| 2255EA | CONNEX Box | | • Complete Transition<br>• Complete Disposition |
| 2256E | Storage Building | • Complete Transition<br>• Complete Disposition | |
| 2257E | Storage Building | • Complete Transition<br>• Complete Disposition | |
| 2258E | Storage Building | | • Complete Transition<br>• Complete Disposition |
| 225E | TEDF Pump Station 2 | | • Complete Transition<br>• Complete Disposition |
| 225W | TEDF Pump Station 1 | | • Complete Transition<br>• Complete Disposition |
| 225WA | Treated Effluent Monitoring Bldg at T Plant | | • Complete Transition<br>• Complete Disposition |
| 2263W | Storage Building (Bottles) | | • Complete Transition<br>• Complete Disposition |
| 2265W | Storage Building (Ice Storage) | | • Complete Transition<br>• Complete Disposition |
| 2300W | Electrician Shop / Office (Skid Shack) | | • Complete Transition<br>• Complete Disposition |
| 2301W | Pipefitter Storage (Skid Shack) | | • Complete Transition<br>• Complete Disposition |
| 2304W | Pipefitter Shop (Skid Shack) | | • Complete Transition<br>• Complete Disposition |
| 2305W | Ladder Storage Rack | | • Complete Transition<br>• Complete Disposition |
| 2307W | Pipefitter Storage Skid Shack | | • Complete Disposition |
| 2308W | Carpenters Shop (Skid Shack) | | • Complete Transition<br>• Complete Disposition |
| 2309W | Sheetmetal Shop (Skid Shack) | | • Complete Transition<br>• Complete Disposition |
| 2310W | Material Storage | | • Complete Transition<br>• Complete Disposition |
| 2316W | Heavy Equipment Operator Shack | | • Complete Transition<br>• Complete Disposition |
| 2318W | Painter Shop | | • Complete Transition<br>• Complete Disposition |
| 2336W | Waste Receiving & Processing Facility | | • Complete Transition<br>• Complete Disposition |
| 234-5Z-BA | PFP Boiler Annex | | • Complete Transition<br>• Complete Disposition |
| 2401W | PCB/RMW Storage at CWC | | • Complete Transition<br>• Complete Disposition |
| 2402W | Mixed Waste Storage Facility at CWC | | • Complete Transition<br>• Complete Disposition |
| 2402WB | Mixed Waste Storage Facility at CWC | | • Complete Transition<br>• Complete Disposition |
| 2402WC | Mixed Waste Storage Facility at CWC | | • Complete Transition<br>• Complete Disposition |
| 2402WD | Mixed Waste Storage Facility at CWC | | • Complete Transition<br>• Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 2402WE | Mixed Waste Storage Facility at CWC | | • Complete Transition<br>• Complete Disposition |
| 2402WF | Mixed Waste Storage Facility at CWC | | • Complete Transition<br>• Complete Disposition |
| 2402WG | RMW Storage Facility #7 | | • Complete Transition<br>• Complete Disposition |
| 2402WH | RMW Storage Facility #8 | | • Complete Transition<br>• Complete Disposition |
| 2402WI | RMW Storage Facility #9 | | • Complete Transition<br>• Complete Disposition |
| 2402WJ | RMW Storage Facility #10 | | • Complete Transition<br>• Complete Disposition |
| 2402WK | RMW Storage Facility #11 | | • Complete Transition<br>• Complete Disposition |
| 2402WL | RMW Storage Facility #12 | | • Complete Transition<br>• Complete Disposition |
| 2403WA | RMW Storage Facility | | • Complete Transition<br>• Complete Disposition |
| 2403WB | RMW Storage Facility | | • Complete Transition<br>• Complete Disposition |
| 2403WC | RMW Storage Facility | | • Complete Transition<br>• Complete Disposition |
| 2403WD | RMW Storage Facility | | • Complete Transition<br>• Complete Disposition |
| 2404WA | CWC Storage Building (W-112 under Construction) | | • Complete Transition<br>• Complete Disposition |
| 2404WB | CWC Storage Building (W-112 under Construction) | | • Complete Transition<br>• Complete Disposition |
| 2404WC | Long Term Drum Storage Bldg at CWC | | • Complete Transition<br>• Complete Disposition |
| 2420W | German Logs Storage Pad at CWC | | • Complete Transition<br>• Complete Disposition |
| 242AL11 | LERF Storage Building | | • Complete Transition<br>• Complete Disposition |
| 242AL42 | LERF Basin (PUREX PDD/ASD Stream Retention Basin #2) | | • Complete Transition<br>• Complete Disposition |
| 242AL43 | LERF Basin (Evaporator Stream Retention Basin #1) | | • Complete Transition<br>• Complete Disposition |
| 242AL44 | LERF Basin (Evaporator Stream Retention Basin #2) | | • Complete Transition<br>• Complete Disposition |
| 242AL71 | Effluent Treatment Facility Instrument Bldg | | • Complete Transition<br>• Complete Disposition |
| 242ZA | Monitoring Building | | • Complete Transition<br>• Complete Disposition |
| 246S | 200 Interim Storage Area (ISA) | | • Complete Transition<br>• Complete Disposition |
| 2503Z | 13.8 kV Switch Yard Building at 234-5Z | | • Complete Transition<br>• Complete Disposition |
| 2506E1 | Telecommunications Hub | | • Complete Transition<br>• Complete Disposition |
| 2506E2 | Telecommunications Hub | | • Complete Transition<br>• Complete Disposition |
| 2506E3 | Telecommunications Hub | | • Complete Transition<br>• Complete Disposition |
| 2506W1 | Telecommunications Hub | | • Complete Transition<br>• Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 251E | Substation A6 Switchgear Bldg at Vit Plant | | • Complete Transition<br>• Complete Disposition |
| 2620W | Maintenance Facility | | • Complete Transition<br>• Complete Disposition |
| 2701HV | Guard Station | | • Complete Transition<br>• Complete Disposition |
| 2706T | Equipment Decontamination Building | | • Complete Transition<br>• Complete Disposition |
| 2706TA | Equipment Decontamination Annex | | • Complete Transition<br>• Complete Disposition |
| 2706TB | Holding Tanks Building | | • Complete Transition<br>• Complete Disposition |
| 2707W | Change House | • Complete Transition | • Complete Disposition |
| 2711E | 2E Garage | | • Complete Transition<br>• Complete Disposition |
| 2711EA | Regulated Equipment Maintenance Shop | | • Complete Transition<br>• Complete Disposition |
| 2711EB | 2711 Heavy Mobile Equipment Maintenance Shop | | • Complete Transition<br>• Complete Disposition |
| 2713W | Regulated Garage - Heavy Equipment | | • Complete Transition<br>• Complete Disposition |
| 2715ED | Paint Storage Facility | | • Complete Transition<br>• Complete Disposition |
| 2715T | Paint Storage/Materials Building | | • Complete Transition<br>• Complete Disposition |
| 2716E | Power Maintenance Storage Building | | • Complete Transition<br>• Complete Disposition |
| 2716T | RM Checkout Station Near Tunnel | | • Complete Transition<br>• Complete Disposition |
| 2719EA | Medical Aid Station | | • Complete Transition<br>• Complete Disposition |
| 2719WB | Modular First Aid Station | | • Complete Transition<br>• Complete Disposition |
| 271T | Office/Main Building | | • Complete Transition<br>• Complete Disposition |
| 2721E | Patrol Headquarters (Central Alarm Facility) | | • Complete Transition<br>• Complete Disposition |
| 2721EA | Fire Systems Maintenance North | | • Complete Transition<br>• Complete Disposition |
| 2724WB | Storage Building (F262271) | | • Complete Transition<br>• Complete Disposition |
| 2727E | Safeguards and Security Offices | | • Complete Transition<br>• Complete Disposition |
| 2727W | Sodium Storage Building | | • Complete Transition<br>• Complete Disposition |
| 2728W | Dimensional Inspection Building | | • Complete Transition<br>• Complete Disposition |
| 272BC | Construction Multi-Craft Storage | • Complete Transition<br>• Complete Disposition | |
| 272EA | SWP Change Shelter | | • Complete Transition<br>• Complete Disposition |
| 272HV | CSB Change Room Facility & Office Bldg | | • Complete Transition<br>• Complete Disposition |
| 272W | Machine Shop Building | • Complete Transition | • Complete Disposition |
| 272W-BA | Construction Complex Boiler Annex | | • Complete Transition<br>• Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 2734EA | Gas Cylinder Storage Building | | • Complete Disposition |
| 273E | Material Storage | | • Complete Transition<br>• Complete Disposition |
| 273W | Material Storage | • Complete Transition | • Complete Disposition |
| 2740W | Office Bldg - Central Waste Complex | | • Complete Transition<br>• Complete Disposition |
| 274E | Landlord and Maintenance Shop | | • Complete Transition<br>• Complete Disposition |
| 2751E | Office Facility | | • Complete Transition<br>• Complete Disposition |
| 2753E | Office Building West of 2750E | | • Complete Transition<br>• Complete Disposition |
| 2754W | 200W Hanford Patrol Center | | • Complete Transition<br>• Complete Disposition |
| 275E | Carpenter Shop Building | • Complete Transition | • Complete Disposition |
| 275W | Heavy Equipment Shop | | • Complete Transition<br>• Complete Disposition |
| 277T | Blow Down Building | | • Complete Transition<br>• Complete Disposition |
| 277W | Fabrication Shop | • Complete Transition | • Complete Disposition |
| 278WA | Tank Farm Document Control Center | | • Complete Transition<br>• Complete Disposition |
| 282E | Pump House and Reservoir | | • Complete Transition<br>• Complete Disposition |
| 282EA | Water Reservoir Inlet House, North | | • Complete Transition<br>• Complete Disposition |
| 282EB | Water Reservoir Inlet House, South | | • Complete Transition<br>• Complete Disposition |
| 282EC | EW Booster / SW Fire Pumphouse | | • Complete Transition<br>• Complete Disposition |
| 282ED | Standby Generator | | • Complete Transition<br>• Complete Disposition |
| 282W | Reservoir Pump House | | • Complete Transition<br>• Complete Disposition |
| 282WA | Water Inlet House | | • Complete Transition<br>• Complete Disposition |
| 282WB | Water Plant Seepage & Settling Pond | | • Complete Transition<br>• Complete Disposition |
| 282WC | EW Booster / SW Fire Pumphouse | | • Complete Transition<br>• Complete Disposition |
| 282WD | Standby Generator | | • Complete Transition<br>• Complete Disposition |
| 283E | Water Filtration Plant | | • Complete Transition<br>• Complete Disposition |
| 283EA | Sanitary Water Tank | | • Complete Transition<br>• Complete Disposition |
| 283WA | Sanitary Water Tank | | • Complete Transition<br>• Complete Disposition |
| 283E-BA | Construction Complex Boiler Annex | | • Complete Transition<br>• Complete Disposition |
| 283W | Water Filtration Plant | | • Complete Transition<br>• Complete Disposition |
| 283WB | Equalization Basin & Pump Station | | • Complete Transition<br>• Complete Disposition |
| 283WD | Recycle Pump Station | | • Complete Transition<br>• Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 283WE | Sludge Lagoons | | • Complete Transition<br>• Complete Disposition |
| 283WF | Sample Building | | • Complete Transition<br>• Complete Disposition |
| 285W | Backflow Prevention Building | | • Complete Transition<br>• Complete Disposition |
| 286W | RMW Backflow Preventer Bldg | | • Complete Transition<br>• Complete Disposition |
| 2901S | Water Storage Tank and Lines | | • Complete Transition<br>• Complete Disposition |
| 2902HV83 | RWX/SWX Manifold Shelter | | • Complete Transition<br>• Complete Disposition |
| 291T | Exhaust Fan, Sand Filter and Stack | | • Complete Transition<br>• Complete Disposition |
| 292T | Building Laboratory | | • Complete Transition<br>• Complete Disposition |
| Alkali Metal Waste Storage Modules | Alkali Metal Waste Storage Modules at CWC | | • Complete Transition<br>• Complete Disposition |
| MO011 | Mobile Office -200W Patrol HQ | | • Complete Transition<br>• Complete Disposition |
| MO015 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO016 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO017 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO019 | Mobile Office -Janitor Staging | | • Complete Disposition |
| MO029 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO031 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO032 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO040 | Mobile Office (Reassigned in 2000) | | • Complete Transition<br>• Complete Disposition |
| MO104 | Mobile Office at 2719E | | • Complete Transition<br>• Complete Disposition |
| MO107 | Mobile Office at 224U | | • Complete Transition<br>• Complete Disposition |
| MO110 | Mobile Office at Sub Burial Pit | | • Complete Transition<br>• Complete Disposition |
| MO215 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO223 | Change Trailer North of 272WA Along Fence | | • Complete Transition<br>• Complete Disposition |
| MO232 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO234 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO235 | Mobile Office | • Complete Transition | • Complete Disposition |
| MO240 | Mobile Office -Change Room/Office | | • Complete Transition<br>• Complete Disposition |
| MO244 | Mobile Office - 200W Patrol Change Trailer at 234-5 | | • Complete Transition<br>• Complete Disposition |
| MO245 | Mobile Office | | • Complete Transition<br>• Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| MO246 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO247 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO248 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO249 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO250 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO251 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO252 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO253 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO254 | Mobile Office at 622G | | • Complete Transition<br>• Complete Disposition |
| MO256 | Mobile Office East of 2711E | | • Complete Transition<br>• Complete Disposition |
| MO257 | Mobile Office East of 2711E | | • Complete Transition<br>• Complete Disposition |
| MO269 | Change Trailer East of Sub Burial Ground | | • Complete Transition<br>• Complete Disposition |
| MO273 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO278 | Mobile Office West of 275W | | • Complete Transition<br>• Complete Disposition |
| MO279 | Mobile Office West of 275W | | • Complete Transition<br>• Complete Disposition |
| MO281 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO285 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO286 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO287 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO288 | Mobile Change Facility at Central Waste Complex | | • Complete Transition<br>• Complete Disposition |
| MO289 | Mobile Change Facility at 224T | | • Complete Transition<br>• Complete Disposition |
| MO290 | Mobile Office - Computer Hub | | • Complete Disposition |
| MO294 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO312 | Laundry Storage at 225B | | • Complete Transition<br>• Complete Disposition |
| MO317 | Mobile Office Adjacent to 233S | | • Complete Transition<br>• Complete Disposition |
| MO354 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO370 | Mobile Office | | • Complete Disposition |
| MO384 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO386 | Mobile Office | | • Complete Transition<br>• Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| MO388 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO399 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO400 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO405 | Mobile Office | | • Complete Disposition |
| MO406 | Mobile Office -Change /Lunchroom | | • Complete Transition<br>• Complete Disposition |
| MO407 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO408 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO409 | Mobile Office at 202S | | • Complete Transition<br>• Complete Disposition |
| MO410 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO412 | Mobile Office -Mask Cleaning Station | | • Complete Transition<br>• Complete Disposition |
| MO413 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO414 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO419 | Mobile Office at UO3 Plant 224U | | • Complete Transition<br>• Complete Disposition |
| MO433 | Mobile/Change Office at 271T (T-Plant) | | • Complete Transition<br>• Complete Disposition |
| MO434 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO437 | Mobile Office at 272WA | | • Complete Transition<br>• Complete Disposition |
| MO438 | Mobile Office at 272WA | | • Complete Transition<br>• Complete Disposition |
| MO444 | Mobile Office at CWC | | • Complete Disposition |
| MO446 | Mobile Office at CWC | | • Complete Disposition |
| MO459 | Women's Change Trailer at 271T | | • Complete Transition<br>• Complete Disposition |
| MO501 | Mobile Office by 233S | | • Complete Transition<br>• Complete Disposition |
| MO546 | Field Trailer East of T Plant | | • Complete Transition<br>• Complete Disposition |
| MO556 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO573 | Mobile Office -Change Room | | • Complete Transition<br>• Complete Disposition |
| MO720 | Mobile Office at 272WA at 19th & Dayton | | • Complete Transition<br>• Complete Disposition |
| MO721 | Mobile Change Facility at 272WA at 19th & Dayton | | • Complete Transition<br>• Complete Disposition |
| MO722 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO723 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO727 | Mobile at LERF Basins | | • Complete Transition<br>• Complete Disposition |
| MO728 | Mobile Office - Operations Room | | • Complete Transition |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| | | | • Complete Disposition |
| MO729 | SWP Laundry Facility at 231Z | | • Complete Transition<br>• Complete Disposition |
| MO730 | Restroom Facility at Gate 813 | | • Complete Transition<br>• Complete Disposition |
| MO731 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO739 | SWP Change Trailer at 271T North West Side | | • Complete Transition<br>• Complete Disposition |
| MO743 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO837 | Mobile Office -Lunchroom | | • Complete Transition<br>• Complete Disposition |
| MO840 | Mobile Office -Receiving & Distribution | | • Complete Transition<br>• Complete Disposition |
| MO841 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO847 | Mobile Office -Restroom | | • Complete Transition<br>• Complete Disposition |
| MO892 | Mobile Office West of 271T | | • Complete Transition<br>• Complete Disposition |
| MO906 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO922 | Office/Change Trailer at 2703E | | • Complete Transition<br>• Complete Disposition |
| MO936 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO939 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO943 | Mobile Office -Storage | | • Complete Transition<br>• Complete Disposition |
| MO956 | Mobile Office -Lunchroom /Training | | • Complete Transition<br>• Complete Disposition |
| MO958 | Mobile Office | • Complete Transition<br>• Complete Disposition | |
| MO959 | Mobile Office -Restroom | • Complete Transition<br>• Complete Disposition | |
| MO964 | Mobile Office | • Complete Transition<br>• Complete Disposition | |
| MO965 | Mobile Office -Storage | • Complete Transition<br>• Complete Disposition | |
| MO967 | Mobile Office | • Complete Transition<br>• Complete Disposition | |
| MO968 | Mobile Office -Change Room | | • Complete Transition<br>• Complete Disposition |
| MO991 | Mobile Office at 200E Unsecured Core Area | | • Complete Transition<br>• Complete Disposition |
| MO995 | Mobile Office at B Plant | | • Complete Disposition |
| MO996 | Mobile Office | • Complete Transition | • Complete Disposition |
| TC2701HV | Temporary Access Control Guard House | | • Complete Transition<br>• Complete Disposition |
| X8 | Motor Car Shed | | • Complete Transition<br>• Complete Disposition |

| Waste Site Closures | | |
|---|---|---|
| Site Number | Site Description | Associated Building Number |
| 200 ETF | 200 ETF, 200 Area Effluent Treatment Facility (ETF), 2025-E | 2025E<br>2025EA<br>2025EC<br>2025EC71 |
| 200-W-36 | 200-W-36, TK-SQ-143, EP 211-143 | 211T |
| 200-W-40 | 200-W-40, 292-T, Emission Control Lab, Stack Gas Sampling Building | 292T |
| 200-W-45 | 200-W-45, 291-T Sand Filter, T Plant Stack Sand Filter | 291T |
| 200-W-64 | 200-W-64, 2724-W Contaminated Laundry Facility Building Foundation | 2724W |
| 221-T-11-R | 221-T-11-R, 221-T-TK-11-R, Tank 11-R 221-T System, T Plant Complex | 221T |
| 221-T-15-1 | 221-T-15-1, 221-T-TK-15-1, Tank 15-1 221-T System, T Plant Complex | 221T |
| 221-T-5-6 | 221-T-5-6, 221-T-TK-5-6, Tank 5-6 221-T System, T Plant Complex | 221T |
| 221-T-5-7 | 221-T-5-7, 221-T-TK-5-7, Tank 5-7 221-T System, T Plant Complex | 221T |
| 221-T-5-9 | 221-T-5-9, 221-T-TK-5-9, Tank 5-9 221-T System, T Plant Complex | 221T |
| 221-T-6-1 | 221-T-6-1, 221-T-TK-6-1, Tank 6-1 221-T System, T Plant Complex | 221T |
| RMWSF | RMWSF, Radioactive Mixed Waste Storage Facility, Hanford Central Waste Complex, 2401W, 2402W, 2402WB, 2402WC, 2402WD, 2402WE, 2402WF, 2402WG, 2402WH, 2402WI, 2402WJ, 2402WK, 2402WL, 2403WA, 2403WB, 2403WC, 2403WD, 2404WA, 2404WB, 2404WC | 2120WA<br>2120WB<br>2401W<br>2402W<br>2402WB<br>2402WC<br>2402WD<br>2402WE<br>2402WF<br>2402WG<br>2402WH<br>2402WI<br>2402WJ<br>2402WK<br>2402WL<br>2403WA<br>2403WB<br>2403WC<br>2403WD<br>2404WA<br>2404WB<br>2404WC<br>2420W<br>2727W |
| WRAP | WRAP, Waste Receiving and Processing Facility | 2336W<br>2620W<br>2740W |

## C.2.2.1.5 Railcar Disposition

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Disposition Railcars**<br>Perform final disposition of the Railroad System, including railcars, once the Department of Energy declares the system excess and no longer needed to support the Hanford Site Mission. | The Contractor shall disposition the following contaminated railcars and equipment:<br>· 2 Railcars located at T-Plant<br>· 1 Condenser loaded on T-Plant Railcar<br>· 1 Drag-off burial box located on T-Plant Railcar<br>· 2 Railcars located in 183-K-W<br>· 2 Concrete boxes containing contaminated Ion Exchange Columns loaded on railcars in 183-K-W<br>· 5 Pieces of regulated heavy equipment currently included in the EDP.<br><br>Ownership of contaminated railcars shall be transferred from DOE-RL or reused by DOE- | CD0029<br>Identified contaminated railcars and equipment dispositioned.<br>**Due:** 30 September 2003 | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | RL as documented by the title transfer (declaration of excess and shipping documents), completed Solid Waste Information and Tracking System (SWITS) document, or other mutually agreed upon documents.<br><br>The contaminated railcars shall be physically moved from their current location to their final disposition location approved by the DOE-RL Contracting Officer Representative.<br><br>**Post Contract Period:**<br>The Contractor shall disposition the Railroad System and remaining railcars, once the Department of Energy declares the system excess and no longer needed to support the Hanford Site Mission. | | |

## C.2.2.2 200 Area Waste Site Cleanup

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Remediate 200 Area Waste Sites**<br>Perform waste site assessments and submit Decisional Draft documents for DOE review and Draft A documents for regulatory review. Remediate waste sites in accordance with approved record of decision (ROD). Submit a cleanup verification package (CVP) for each waste site (or groups of waste sites) to the lead regulator and obtain regulator approval. Support sampling and analysis activities in support of 200 Area burial ground retrieval. | The Contractor shall initiate remedial actions for high risk waste sites in the Central Plateau in compliance with regulator and DOE decisions.<br><br>Groundwater protective measures (e.g., installation of engineered barriers, stabilization, and/or removal - does not include final backfilling, re-vegetation, and verification/closeout sampling) for waste sites in the U Plant Regional Area that are outside the proposed environmental cap shall be completed in accordance with the U Plant Area Waste Sites Record of Decision. Remaining activities will be as identified in Rev 0 of the RDR/RAWP.<br><br>BC Area cribs and trenches remediation, pipeline remediation, and BC Controlled Area Surface Cleanup shall be completed as described in Hanford's Groundwater Plan: Accelerated Cleanup and Protection, 2002 and the Record of Decision.<br><br>Complete Sampling and Analysis activities at 218-W-4C Burial Ground in accordance with approved Sampling and Analysis Plan (DOE/RL-2003-48 Rev 0)<br><br>By 30 September 2006 the Contractor shall remediate at least two of the following BC Cribs and Trenches waste site groupings<br>• Cribs 216-B-14 through 216-B-19, includes 200-E-14 Siphon Tank<br>• Trenches 216-B-20 through 216-B-22<br>• Trenches 216-B-23 through 216-B-28 and 216-B-52<br>• Trenches 216-B-29 through 216-B-34<br><br>**Post Contract Period:**<br>The Contractor shall complete remediation of the assigned 200 Area waste sites in compliance with regulator and DOE decisions. | CD0030<br>Two BC Cribs and Trenches waste site groupings remediated<br>**Due:** 30 September 2006 | None Identified |
| | | CD0302<br>Four U Plant Area high risk waste sites remediated<br>**Due:** 30 September 2006 | None Identified |
| | | CD0031<br>Remediated waste sites as identified in the tables below. | None Identified |
| | | CD0216<br>M-13-00M: 1 200 NPL RI/FS (RFI/CMS) work plan for the 200-IS-1, tanks/lines/pits diversion boxes OU includes waste sites in the 200-ST-1, septic tank and drain fields OU<br>**Due:** 31 December 2002 | None Identified |
| | | CD0217<br>M-13-00N: 1 200 NPL RI/FS (RFI/CMS) work plans for the 200-UR-1, unplanned releases that provides information to support allowing removal and disposal actions for a subset of the waste sites in the 200-UR-1 OU.<br>**Due:** 30 June 2004 | None Identified |
| | | CD0363<br>Regulator Issued Action Memorandum for U Plant Pipelines.<br>**Due:** 30 September 2006 | None Identified |
| | | CD0218<br>M-13-00O: 1 200 NPL RI/FS (RFI/CMS) work plan for the 200-SW-2, radioactive landfills and dumps OU. includes waste sites in the | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | | 200-SW-1, Non-Radioactive Landfills and Dumps OU<br>**Due:** 31 December 2004 | |
| | | CD0219<br>M-15-38A: 200-CW-1 Gable Mountain Pond/B Pond and ditch cooling water group feasibility study, including 216-N-1, 216-N-2, 216-N-3, 216-N-4, 216-N-5, 216-N-6, 216-N-7, UPR-200- E-34, 600-118, 200-N-3, 600-254, 2607-N, 2607-R, UPR-200-N-1, and UPR-200-N-2 past practice waste sites and 200-CW-1 gable mountain pond/b pond and ditch cooling water group proposed plan/proposed RCRA permit modification<br>**Due:** 31 March 2003 | None Identified |
| | | CD0220<br>M-15-39A: Completed chemical sewer group field work through sample collection and analysis.<br>**Due:** 30 September 2003 | None Identified |
| | | CD0221<br>M-15-39B: 200-CS-1 chemical sewer group RI report<br>**Due:** 31 May 2004 | None Identified |
| | | CD0222<br>M-15-39C: 200-CS-1 chemical sewer group FS and submit 200-CS-1 chemical sewer group proposed plan/proposed RCRA permit modification<br>**Due:** 30 November 2005 | None Identified |
| | | CD0223<br>M-15-40B: 200-CW-5 U Pond/Z-Ditches Cooling Water group RI report including the past practice waste sites in the 200-CW-2 S-Ponds/Ditches Cooling Water group, the 200-CW-4 T-Ponds/Ditches Cooling Water group, and the 200-SC-1 Steam Condensate group<br>**Due:** 31 May 2003 | None Identified |
| | | CD0224<br>M-15-40C: 200-CW-5 Pond/Z Ditches Cooling Water group FS and submit 200-CW-5 U Pond/Z Ditches Cooling Water group proposed plan including the past practice waste sites in the 200-CW-2 S-Ponds/Ditches Cooling Water group, the 200-CW-4 T-Ponds/Ditches Cooling Water group, and the 200-SC-1 Steam Condensate group<br>**Due:** 31 October 2004 | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | | CD0225<br>M-15-41C: 200-TW-1 OU and 200-TW-2 OU FS and proposed plan to EPA and Ecology. Includes the past practice waste sites in the 200-PW-5 fission product-rich process waste group.<br>**Due:** 31 March 2004 | None Identified |
| | | CD0226<br>M-15-43B: 200-PW-2 OU RI report including the past practice waste sites in the 200-PW-4 general process waste group<br>**Due:** 30 June 2004 | None Identified |
| | | CD0227<br>M-15-43C: 200-PW-2 OU feasibility study and proposed plan/proposed RCRA permit modification including the past practice waste sites in the 200-PW-4 general process waste group<br>**Due:** 31 December 2005 | None Identified |
| | | CD0228<br>M-15-44A: 200-MW-1 OU remedial investigation report.<br>**Due:** 31 December 2005 | None Identified |
| | | CD0229<br>M-15-46A: 200 Area chemical laboratory waste OUs remedial investigation report, including the past practice waste sites in the 200-LW-1 and 200-LW-2 200 Area chemical laboratory groups<br>**Due:** 31 October 2005 | None Identified |
| | | CD0230<br>M-15-46B: 200 Area chemical laboratory waste OUs feasibility study and proposed plan/proposed permit modification, including the past practice waste sites in the 200-LW-1 and 200-LW-2 200 area chemical laboratory groups.<br>**Due:** 30 September 2006 | None Identified |
| | | CD0231<br>M-15-47: Proposed plan to EPA and/or Ecology to conduct remedial action(s) for source control at high-risk waste site(s) which includes an engineering evaluation of an engineered surface barrier.<br>**Due:** 30 June 2003 | None Identified |
| | | CD0237<br>M-20-33: 216-A-10 crib, 216-A-36B crib, 216-A-37-1 crib, and 207-A south retention basin closure/post closure plans to Ecology in coordination with the Feasibility Study for the 200-PW-2 Uranium-Rich process | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | | waste group Operable Unit (to be coordinated under M-15-43C). **Due:** 31 December 2005 | |
| | | CD0364 M-091-40L: Submit quarterly Burial Ground vent/substrate sampling results | None Identified |
| | | CD0365 U Plant Pipeline EE/CA | None Identified |
| | | CD0238 M-20-39: 216-S-10 Pond and Ditch closure/post-closure plan to Ecology in coordination with the Feasibility Study for the 200-CS-1 Chemical Sewer Group Operable Unit (to be coordinated under M-15-39C. **Due:** 30 November 2005 | None Identified |

The BC Cribs and Trenches waste sites contained in two of the four waste site groupings (identified in the requirements column above) and indicated in the Contract Period Scope will be remediated.

| End State Definition | | | |
|---|---|---|---|
| **Waste Site Number** | **Waste Site Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 200 CP | 200 CP, 200 Area Construction Pit, 200 Area Construction Waste Site, Hanford Site Gravel Pit 29 | | • Complete Remedial Action |
| 200-E BP | 200-E BP, 200-E Burning Pit, 200 East Burn Pit | | • Complete Remedial Action |
| 200-E PAP | 200-E PAP, 200-E Powerhouse Ash Pit and Ash Disposal Pile, Ash Basin | | • Complete Remedial Action |
| 200-E PD | 200-E PD 200-E Powerhouse Ditch, 200 East Powerhouse Pond | | • Complete Remedial Action |
| 200-E-1 | 200-E-1, 284E, 284-E Landfill | | • Complete Remedial Action |
| 200-E-10 | 200-E-10, Paint/Solvent Dump South of Sub Trenches, 200-E-3 Toluene Dump Site | | • Complete Remedial Action |
| 200-E-100 | 200-E-100, Steam Trap 2P-Yard-MSS-TRP-019, Miscellaneous Stream #571 | | • Complete Remedial Action |
| 200-E-101 | 200-E-101, 200 East Deep Lysimeter Site | | • Complete Remedial Action |
| 200-E-102 | 200-E-102, Contaminated Soil Trench | | • Complete Remedial Action |
| 200-E-103 | 200-E-103, Radiologically Controlled Area - South Side of PUREX, PUREX Stabilized Area | | • Complete Remedial Action |
| 200-E-105 | 200-E-105, Soil Contamination Area on the 216-B-61 Crib | | • Complete Remedial Action |
| 200-E-107 | 200-E-107, Contamination Area East of PUREX, PUREX E Field | | • Complete Remedial Action |
| 200-E-109 | 200-E-109, Contamination Spread in Northeast Corner of 200 East Area | | • Complete Remedial Action |
| 200-E-110 | 200-E-110, Contaminated Tumbleweed Dump Site | | • Complete Remedial Action |
| 200-E-112 | 200-E-112; B Plant Process Sewers, 2904-E-1-Pipeline from B Plant to 207-B Retention Basin; 2904-E-2 - Pipeline from B Plant to 207-B or 216-B Ditches | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| **Waste Site Number** | **Waste Site Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 200-E-113 | 200-E-113, Pipeline from PUREX to 216-A-30 Crib, 216-A-42C Valve Box | | • Complete Remedial Action |
| 200-E-117 | 200-E-117, Contamination Zone South of B Plant | | • Complete Remedial Action |
| 200-E-118 | 200-E-118, 216-B-3 Diverter Station and Shack, Main Diverter Structure #3 | | • Complete Remedial Action |
| 200-E-122 | 200-E-122, Construction Forces Bullpen, CF Bullpen, Equipment Storage Yard | | • Complete Remedial Action |
| 200-E-123 | 200-E-123, Contamination Area South of 216-B-2 Stabilized Ditches. | | • Complete Remedial Action |
| 200-E-124 | 200-E-124, URM on East Side of 275-EA | | • Complete Remedial Action |
| 200-E-125 | 200-E-125, Contamination Area Northwest of 244-AR Building | | • Complete Remedial Action |
| 200-E-126 | 200-E-126, Underground Pipeline From 207-B to 216-B-3 Ditch and B Pond Disposal System | | • Complete Remedial Action |
| 200-E-127 | 200-E-127, PUREX Cooling Water Line, Pipeline From PUREX to Gable and B-Ponds | | • Complete Remedial Action |
| 200-E-128 | 200-E-128, Radioactive Contamination "Hot Spot" Under Gravel Road | | • Complete Remedial Action |
| 200-E-129 | 200-E-129, Stabilized Area on East Side of B Plant Railroad Cut | | • Complete Remedial Action |
| 200-E-13 | 200-E-13, Rubble Piles from RCRA General Inspection #200EFY95 Item #7 | | • Complete Remedial Action |
| 200-E-130 | 200-E-130, Stabilized Area on West Side of B Plant Chemical Spur | | • Complete Remedial Action |
| 200-E-135 | 200-E-135, Contamination Area South of 241-C Tank Farm | | • Complete Remedial Action |
| 200-E-139 | 200-E-139, Contamination Area North of C Farm | | • Complete Remedial Action |
| 200-E-14 | 200-E-14, 216-BC-201 Siphon Tank, 216-B-201, IMUST, Inactive Miscellaneous Underground Storage Tank | • Complete Groundwater Protective Measures | • Complete Remedial Action |
| 200-E-17 | 200-E-17, 200 Area Liquid Effluent Retention Facility (LERF) | | • Complete Remedial Action |
| 200-E-2 | 200-E-2, Soil Stains at the 2101-M SW Parking Lot, MO-234 parking Lot | | • Complete Remedial Action |
| 200-E-24 | 200-E-24, 6607-11, 2704-HV Septic System | | • Complete Remedial Action |
| 200-E-25 | 200-E-25, 272-BB French Drain, Insulation Shop French Drain, Miscellaneous Stream #659 | | • Complete Remedial Action |
| 200-E-26 | 200-E-26, Heavy Equipment Storage Area, Diesel Fuel Contaminated Soil | | • Complete Remedial Action |
| 200-E-28 | 200-E-28, 221-B Building Steam Condensate Release | | • Complete Remedial Action |
| 200-E-29 | 200-E-29, Unplanned Release From 241-ER-152 Diversion Box | | • Complete Remedial Action |
| 200-E-3 | 200-E-3, Toluene Dump Site, 200-E-10 Paint/Solvent Dump | | • Complete Remedial Action |
| 200-E-4 | 200-E-4, Critical Mass Laboratory Dry Well North, 209-E North Dry Well, Miscellaneous Stream #730 | | • Complete Remedial Action |
| 200-E-41 | 200-E-41, Stabilized Hot Semiworks Area, UN-216-E-38, Strontium Semi-Works Stabilized Area | | • Complete Remedial Action |
| 200-E-42 | 200-E-42, UN-216-E-34, PUREX Stack Release, 291-A Release | | • Complete Remedial Action |
| 200-E-43 | 200-E-43, Tank Car Storage Area, Regulated | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| | Equipment Storage Area, TC-4 Spur Tank Car Storage Area | | |
| 200-E-44 | 200-E-44, PUREX Railroad Cut | | • Complete Remedial Action |
| 200-E-45 | 200-E-45, HI Shaft, Health Instrument Shaft, Contaminated Pump Run-in Caisson | | • Complete Remedial Action |
| 200-E-46 | 200-E-46, RCRA Permit General Inspection #200EFY96 Item #3 | | • Complete Remedial Action |
| 200-E-5 | 200-E-5, 2607-E2, 2607-E2 Septic Tank & Tile Field | | • Complete Remedial Action |
| 200-E-52 | 200-E-52, 200 East Powerhouse Coal Pile | | • Complete Remedial Action |
| 200-E-53 | 200-E-53, Contaminated Zone Adjacent to 218-E-12B and 218-E-8 | | • Complete Remedial Action |
| 200-E-54 | 200-E-54, Liquid Release to the Environment from PUREX Deep Filter Bed #1 | | • Complete Remedial Action |
| 200-E-55 | 200-E-55, Effluent Drain East of 291-B Sand Filter, Miscellaneous Stream #322 | | • Complete Remedial Action |
| 200-E-56 | 200-E-56, 241-C Waste Line Leak adjacent to 201-C, Waste Line Leak #1 | | • Complete Remedial Action |
| 200-E-57 | 200-E-57, 241-C Waste Line Leak east of 201-C, Waste Line Leak #2 | | • Complete Remedial Action |
| 200-E-58 | 200-E-58, 216-A-5 Neutralization Tank, Tank A5, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 200-E-6 | 200-E-6, Septic Tank, Sanitary Sewer Repair and Replacement 2607-E4 | | • Complete Remedial Action |
| 200-E-61 | 200-E-61, 202A Building Stormwater Runoff, Miscellaneous Stream #467 | | • Complete Remedial Action |
| 200-E-62 | 200-E-62, 202A Building Steam Condensate, Miscellaneous Stream #71, Injection Well (Z) | | • Complete Remedial Action |
| 200-E-63 | 200-E-63, Line #8801 Steam Condensate, Miscellaneous Stream #72, Injection Well (AA) | | • Complete Remedial Action |
| 200-E-64 | 200-E-64, Line #8801 Steam Condensate, Miscellaneous Stream #69, Injection Well (W) | | • Complete Remedial Action |
| 200-E-65 | 200-E-65, 202A Building Steam Condensate, Miscellaneous Stream #466 Injection Well (R) | | • Complete Remedial Action |
| 200-E-67 | 200-E-67, 202A Building Steam Condensate, Miscellaneous Stream #494 | | • Complete Remedial Action |
| 200-E-68 | 200-E-68, 291A Control House Steam Condensate, Miscellaneous Stream #59, Injection Well (L) | | • Complete Remedial Action |
| 200-E-69 | 200-E-69, Line #8801 Steam Condensate, Miscellaneous Stream #56, Injection Well (A) | | • Complete Remedial Action |
| 200-E-7 | 200-E-7, 2607-EO Septic Tank & Tile Field | | • Complete Remedial Action |
| 200-E-70 | 200-E-70, Line #8801 Steam Condensate, Miscellaneous Stream #64, Injection Well (Q) | | • Complete Remedial Action |
| 200-E-71 | 200-E-71, Line #8801 Steam Condensate, Miscellaneous Stream #63, Injection Well (O) | | • Complete Remedial Action |
| 200-E-72 | 200-E-72, Line #8801 Steam Condensate, Miscellaneous Stream #60, Injection Well (G) | | • Complete Remedial Action |
| 200-E-73 | 200-E-73, Line #8801 Steam Condensate, Miscellaneous Stream #61, Injection Well (M) | | • Complete Remedial Action |
| 200-E-74 | 200-E-74, Line #8801 Steam Condensate, Miscellaneous Stream #62, Injection Well (N) | | • Complete Remedial Action |
| 200-E-75 | 200-E-75, Line #8801 Steam Condensate, Miscellaneous Stream #57, Injection Well (B) | | • Complete Remedial Action |
| 200-E-76 | 200-E-76, Line #8801 Steam Condensate, | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| | Miscellaneous Stream #67, Injection Well (U) | | |
| 200-E-77 | 200-E-77, Line #8801 Steam Condensate, Miscellaneous Stream #65, Injection Well (S) | | • Complete Remedial Action |
| 200-E-78 | 200-E-78, Line #8801 Steam Condensate, Miscellaneous Stream #70, Injection Well (Y) | | • Complete Remedial Action |
| 200-E-79 | 200-E-79, Line #8801 Steam Condensate, Miscellaneous Stream #66, Injection Well (T) | | • Complete Remedial Action |
| 200-E-80 | 200-E-80, Line #8801 Steam Condensate, Miscellaneous Stream #68, Injection Well (V) | | • Complete Remedial Action |
| 200-E-81 | 200-E-81, MO-035 Facility Water Valve, Miscellaneous Stream #533 | | • Complete Remedial Action |
| 200-E-82 | 200-E-82, Steam Trap 2P, Yard-MSS-TRP-040, Miscellaneous Stream #115 | | • Complete Remedial Action |
| 200-E-84 | 200-E-84, 202A Building Steam Condensate, Miscellaneous Stream #58, Injection Well (C) | | • Complete Remedial Action |
| 200-E-85 | 200-E-85, 202A Building Pump Seal Water, Miscellaneous Stream #459 | | • Complete Remedial Action |
| 200-E-88 | 200-E-88, B Plant Yard Steam Condensate, Miscellaneous Stream #3 | | • Complete Remedial Action |
| 200-E-89 | 200-E-89, B Plant Yard Steam Condensate, Miscellaneous Stream #4 | | • Complete Remedial Action |
| 200-E-9 | 200-E-9, 2607-EN, 2727-E Septic System, 2607-EN Septic Tank/Pump Station | | • Complete Remedial Action |
| 200-E-90 | 200-E-90, B Plant Yard Steam Condensate, Miscellaneous Stream #5 | | • Complete Remedial Action |
| 200-E-91 | 200-E-91, B Plant Yard Steam Condensate, Miscellaneous Stream #6 | | • Complete Remedial Action |
| 200-E-92 | 200-E-92, B Plant Yard Steam Condensate, Miscellaneous Stream #7 | | • Complete Remedial Action |
| 200-E-93 | 200-E-93, B Plant Yard Steam Condensate, Miscellaneous Stream #8 | | • Complete Remedial Action |
| 200-E-94 | 200-E-94, B Plant Yard Steam Condensate, Miscellaneous Stream #9 | | • Complete Remedial Action |
| 200-E-95 | 200-E-95, 222B Steam Condensate, Miscellaneous Stream #308 | | • Complete Remedial Action |
| 200-E-97 | 200-E-97, 212B Building Steam Condensate, Miscellaneous Stream #470 | | • Complete Remedial Action |
| 200-E-98 | 200-E-98, 271B Building Ice Machine Overflow, Miscellaneous Stream #490 | | • Complete Remedial Action |
| 200-E-99 | 200-E-99, Steam Trap 2P-Yard-MSS-TRP-017, Miscellaneous Stream #570 | | • Complete Remedial Action |
| 200-W ADB | 200-W ADB, 200-W Ash Disposal Basin | | • Complete Remedial Action |
| 200-W BP | 200-W BP, 200-W Burning Pit, Pit 34 | | • Complete Remedial Action |
| 200-W PAP | 200-W PAP, 200-W Powerhouse Ash Pit | | • Complete Remedial Action |
| 200-W-1 | 200-W-1, REDOX Mud Pit West | | • Complete Remedial Action |
| 200-W-10 | 200-W-10, Item 10 (RCRA General Inspection), Grout Wall Test | | • Complete Remedial Action |
| 200-W-102 | 200-W-102, Pipeline from Laundry/Powerhouse to 216-U-14 Ditch | | • Complete Remedial Action |
| 200-W-103 | 200-W-103, 201-W Concrete Silo | | • Complete Remedial Action |
| 200-W-11 | 200-W-11, Concrete Foundation South of 241-S, S-Farm Foundation and Dump Site | | • Complete Remedial Action |
| 200-W-12 | 200-W-12, 201-W Soil Mound and Plastic Pipe | | • Complete Remedial Action |
| 200-W-14 | 200-W-14, 200 West Heavy Equipment Storage Area | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| 200-W-15 | 200-W-15, S-Plant Project W-087 Hexone Discovery | | • Complete Remedial Action |
| 200-W-16 | 200-W-16, 292-T Underground Tanks, IMUST, Inactive Miscellaneous Underground Storage Tank, 292-TK-1, 292-TK-2 | | • Complete Remedial Action |
| 200-W-17 | 200-W-17, S-Plant Project W-087 Aluminum Silicate Discovery | | • Complete Remedial Action |
| 200-W-18 | 200-W-18, S-Plant Project W-087 Aluminum Oxide Discovery | | • Complete Remedial Action |
| 200-W-2 | 200-W-2, REDOX Berms West | | • Complete Remedial Action |
| 200-W-20 | 200-W-20, T Plant Complex | | • Complete Remedial Action |
| 200-W-21 | 200-W-21, 204-T Unloading Station, T-Plant Waste Railcar Unloading Facility | | • Complete Remedial Action |
| 200-W-22 | 200-W-22, 203-S/204-S/205-S Stabilized Area | | • Complete Remedial Action |
| 200-W-3 | 200-W-3, 2713-W North Parking Lot, 220-W-1 | | • Complete Remedial Action |
| 200-W-33 | 200-W-33, Solid Waste Dumping Area | | • Complete Remedial Action |
| 200-W-35 | 200-W-35, Various sites north of 201-W, 200-W-35-A Infiltration Test Site<br>200-W-35-B Bentonite Slurry Test Site,<br>200-W-35-C Buried Garbage Can with Lid | | • Complete Remedial Action |
| 200-W-4 | 200-W-4, U-Farm Landfill | | • Complete Remedial Action |
| 200-W-41 | 200-W-41, Abandoned Drums | | • Complete Remedial Action |
| 200-W-42 | 200-W-42, U Plant Radioactive Process Sewer from 221-U to 216-U-8 & 216-U-12 Cribs | | • Complete Remedial Action |
| 200-W-5 | 200-W-5, Burial Ground/Burning Pit, U Plant Burning Pit, UPR-200-W-8 | | • Complete Remedial Action |
| 200-W-55 | 200-W-55, Dumping Area North of 231-Z | | • Complete Remedial Action |
| 200-W-56 | 200-W-56, Debris North of 221-U | | • Complete Remaining Remedial Actions |
| 200-W-57 | 200-W-57, Excess Equipment Laydown (T Hopper) Area from RCRA General Inspection #200WFY97 Item #10, Area West of 2714-U Fence | | • Complete Remaining Remedial Actions |
| 200-W-58 | 200-W-58, Z-Plant Diversion Box #1 | | • Complete Remedial Action |
| 200-W-59 | 200-W-59, Z-Plant Diversion Box #2 | | • Complete Remedial Action |
| 200-W-6 | 200-W-6, 200-W Painter Shop paint solvent disposal area | | • Complete Remedial Action |
| 200-W-62 | 200-W-62, 200 West Powerhouse Coal Pile | | • Complete Remedial Action |
| 200-W-63 | 200-W-63, Contaminated Concrete Pad | | • Complete Remedial Action |
| 200-W-67 | 200-W-67, Contaminated Soil at the Corner of Cooper and 16th Street | | • Complete Remedial Action |
| 200-W-7 | 200-W-7, 246-L, 241-S-TK-1, 243S-TK-1, 243-S-TK1, 200-W Personnel Decontamination Facility Catch Tank, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 200-W-71 | 200-W-71, Undocumented Trench | | • Complete Remaining Remedial Actions |
| 200-W-73 | 200-W-73, Contaminated Debris near Railroad Track (east of 218-W-2A) | | • Complete Remedial Action |
| 200-W-75 | 200-W-75, Radiological Logging System (RLS) Calibration Silos | | • Complete Remedial Action |
| 200-W-77 | 200-W-77, Posted Contamination Area East of 216-U-14 Ditch | | • Complete Remaining Remedial Actions |
| 200-W-79 | 200-W-79; 216-T-36 Crib pipeline | | • Complete Remedial Action |
| 200-W-80 | 200-W-80; Mound of Contaminated Soil | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| | Southwest of T Plant | | |
| 200-W-81 | 200-W-81; Contaminated Tumbleweed Fragments Along Railroad Track East of 218-W-3AE | | • Complete Remedial Action |
| 200-W-82 | 200-W-82, Risers East of 216-TY-201 and 216-T-26, 216-T-27 and 216-T-28 Cribs, Crib Unloading Station | | • Complete Remedial Action |
| 200-W-83 | 200-W-83, Contamination Area North of 2727 W | | • Complete Remedial Action |
| 200-W-84 | 200-W-84, U Plant Process Sewer | | • Complete Remedial Action |
| 200-W-85 | 200-W-85, Soil Contamination Area East of 2727 W | | • Complete Remaining Remedial Actions |
| 200-W-86 | 200-W-86, Contamination Area Around Light Pole | | • Complete Remedial Action |
| 200-W-87 | 200-W-87, Unplanned Release on Chemical Spur Railroad Track Northwest of 221-U Plant | | • Complete Remedial Action |
| 200-W-88 | 200-W-88, T Plant Process Sewer Pipelines | | • Complete Remedial Action |
| 200-W-89 | 200-W-89, 252-U, U Plant Electrical Substation, C8S17 Substation, U-Cat Substation | | • Complete Remaining Remedial Actions |
| 200-W-9 | 200-W-9, Project W291 Excavation VCP Contamination | | • Complete Remedial Action |
| 200-W-90 | 200-W-90, Underground Radioactive Material Areas posted along 23rd Street in 200 West Area | | • Complete Remedial Action |
| 200-W-92 | 200-W-92, Contaminated Mound of Soil and Debris, Soil Mound West of 241-TY Tank Farm | | • Complete Remedial Action |
| 202-A-WS-1 | 202-A-WS-1, PUREX Waste Piles | | • Complete Remedial Action |
| 203-S & 205-S | 203-S & 205-S, 203-S/204-S/205-S Stabilized Area, 203-S Uranyl Nitrate Hexahydrate Tank Farm, 204-S Tank Farm & Pumphouse, 205-S Process Vault & Chemical Makeup Building, 205-S Uranyl Nitrate Hexahydrate Processing Facility | | • Complete Remedial Action |
| 207-A-NORTH | 207-A-NORTH, 207-A, 207-A Retention Basin, 207-A-NORTH Retention Basin, 207-A North | | • Complete Remedial Action |
| 207-A-SOUTH | 207-A-SOUTH, 207-A, 207-A Retention Basin, 207-A-SOUTH Retention Basin, 207-A South | | • Complete Remedial Action |
| 207-B | 207-B, B Plant Retention Basin, 207-B Retention Basin | | • Complete Remedial Action |
| 207-S | 207-S, REDOX Retention Basin, 207-S Retention Basin | | • Complete Remedial Action |
| 207-T | 207-T, T Plant Retention Basin, 207-T, 207-T Retention Basin | | • Complete Remedial Action |
| 216-A-1 | 216-A-1, 216-A-1 Cavern, 216-A-1 Trench | | • Complete Remedial Action |
| 216-A-10 | 216-A-10, 216-A-10 Crib | | • Complete Remedial Action |
| 216-A-11 | 216-A-11 French Drain, Miscellaneous Stream #465 | | • Complete Remedial Action |
| 216-A-12 | 216-A-12, Miscellaneous Stream #463 | | • Complete Remedial Action |
| 216-A-13 | 216-A-13, 216-A-13 French Drain, Miscellaneous Stream #460 | | • Complete Remedial Action |
| 216-A-14 | 216-A-14, French Drain - Vacuum Cleaner Filter Pit, Miscellaneous Stream #462 | | • Complete Remedial Action |
| 216-A-15 | 216-A-15, Miscellaneous Stream #461 | | • Complete Remedial Action |
| 216-A-18 | 216-A-18, 216-A-18 Excavation, 216-A-18 Grave, 216-A-18 Sump, 216-A-18 Crib | | • Complete Remedial Action |
| 216-A-19 | 216-A-19, 216-A-19 Test Hole, 216-A-19 | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| | Grave, 216-A-19 Sump, 216-A-19 Crib | | |
| 216-A-2 | 216-A-2, 216-A-2 Cavern, 216-A-2 Crib | | • Complete Remedial Action |
| 216-A-20 | 216-A-20, 216-A-20 Test Hole, 216-A-20 Grave, 216-A-20 Sump, 216-A-20 Crib | | • Complete Remedial Action |
| 216-A-21 | 216-A-21, 216-A-21 Crib | | • Complete Remedial Action |
| 216-A-22 | 216-A-22, 216-A-22 French Drain, 216-A-22 Crib | | • Complete Remedial Action |
| 216-A-24 | 216-A-24, 216-A-24 Crib | | • Complete Remedial Action |
| 216-A-25 | 216-A-25, Gable Mountain Swamp, 216-A-25 Swamp, Gable Mountain Pond | | • Complete Remedial Action |
| 216-A-26 | 216-A-26, 216-A-26 French Drain, 216-A-26B, Miscellaneous Stream #464 | | • Complete Remedial Action |
| 216-A-26A | 216-A-26A, 216-A-25 Crib, 216-A-26 French Drain, 291-A French Drain | | • Complete Remedial Action |
| 216-A-27 | 216-A-27, 216-A-27 Crib | | • Complete Remedial Action |
| 216-A-28 | 216-A-28, 216-A-28 French Drain, 216-A-28 Crib | | • Complete Remedial Action |
| 216-A-29 | 216-A-29, Snow's Canyon, PUREX Chemical Sewer (CSL) | | • Complete Remedial Action |
| 216-A-3 | 216-A-3, 216-A-3 Cavern, 216-A-3 Crib | | • Complete Remedial Action |
| 216-A-30 | 216-A-30, 216-A-30 Crib | | • Complete Remedial Action |
| 216-A-31 | 216-A-31 Crib | | • Complete Remedial Action |
| 216-A-32 | 216-A-32, 216-A-32 Crib | | • Complete Remedial Action |
| 216-A-33 | 216-A-33, 216-A-33 Dry Well, 216-A-26B | | • Complete Remedial Action |
| 216-A-34 | 216-A-34, 216-A-34 Ditch, 216-A-34 Crib | | • Complete Remedial Action |
| 216-A-35 | 216-A-35 French Drain, 216-A-35 Dry Well | | • Complete Remedial Action |
| 216-A-36A | 216-A-36A, 216-A-36 Crib | | • Complete Remedial Action |
| 216-A-36B | 216-A-36B, 216-A-36 Crib, PUREX Ammonia Scrubber Distillate (ASD) | | • Complete Remedial Action |
| 216-A-37-1 | 216-A-37-1, 216-A-37 Crib | | • Complete Remedial Action |
| 216-A-37-2 | 216-A-37-2, 216-A-37-2 Crib | | • Complete Remedial Action |
| 216-A-38-1 | 216-A-38-1, 216-A-38 Crib | | • Complete Remedial Action |
| 216-A-4 | 216-A-4, 216-A-4 Cavern | | • Complete Remedial Action |
| 216-A-41 | 216-A-41, Crib, 291-AR Stack Drain, 296-A-13 Stack Drain | | • Complete Remedial Action |
| 216-A-42 | 216-A-42, 207-AA Retention Basin, 216-A-42 Trench, 216-A-42 Retention Basin | | • Complete Remedial Action |
| 216-A-45 | 216-A-45, 216-A-45 Crib | | • Complete Remedial Action |
| 216-A-5 | 216-A-5, 216-A-5 Cavern | | • Complete Remedial Action |
| 216-A-524 | 216-A-524, 216-A-524 Control Structure, 216-A 524 Weir, 216-A-24 Control Structure | | • Complete Remedial Action |
| 216-A-6 | 216-A-6, 216-A-6 Cavern | | • Complete Remedial Action |
| 216-A-7 | 216-A-7, 216-A-7 Cavern | | • Complete Remedial Action |
| 216-A-8 | 216-A-8, 216-A-8 Crib and Overflow Pond | | • Complete Remedial Action |
| 216-A-9 | 216-A-9, 216-A-9 Crib | | • Complete Remedial Action |
| 216-B-10A | 216-B-10A, 222-B-1 Crib, 216-B-10 Crib, 292-B | | • Complete Remedial Action |
| 216-B-10B | 216-B-10B, 222-B-2 Crib, 216-B-10 Crib | | • Complete Remedial Action |
| 216-B-11A&B | 216-B-11A&B, 216-B-11 Crib, 242-B-1 Crib, 216-B-11A & B, 216-B-11B | | • Complete Remedial Action |
| 216-B-12 | 216-B-12, 216-ER Crib, 216-ER-1,2,3 Cribs | | • Complete Remedial Action |
| 216-B-13 | 216-B-13, 216-B-13 French Drain, 291-B Crib, | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| | 216-B-8, 216-B-13 Crib | | |
| 216-B-14 | 216-B-14, 216-BC-1 Crib | • Complete Groundwater Protective Measures | • Complete Remaining Remedial Actions |
| 216-B-15 | 216-B-15, 216-BC-2 Crib | • Complete Groundwater Protective Measures | • Complete Remaining Remedial Actions |
| 216-B-16 | 216-B-16, 216-BC-3 Crib | • Complete Groundwater Protective Measures | • Complete Remaining Remedial Actions |
| 216-B-17 | 216-B-17, 216-BC-4 Crib | • Complete Groundwater Protective Measures | • Complete Remaining Remedial Actions |
| 216-B-18 | 216-B-18, 216-BC-5 Crib | • Complete Groundwater Protective Measures | • Complete Remaining Remedial Actions |
| 216-B-19 | 216-B-19, 216-BC-6 Crib | • Complete Groundwater Protective Measures | • Complete Remaining Remedial Actions |
| 216-B-2-1 | 216-B-2-1, 216-B-1, B Swamp Ditch, 216-B-2, B Ditch | | • Complete Remedial Action |
| 216-B-2-2 | 216-B-2-2, 216-B-2-2W, 216-B-1 Ditch | | • Complete Remedial Action |
| 216-B-2-3 | 216-B-2-3, B Pond Ditch, B Swamp Ditch, 216-B-2-2E | | • Complete Remedial Action |
| 216-B-20 | 216-B-20, 216-BC-7 Trench, 216-B-20 Trench | • Complete Groundwater Protective Measures | • Complete Remedial Actions |
| 216-B-21 | 216-B-21, 216-BC-8 Trench, 216-B-21 Trench | • Complete Groundwater Protective Measures | • Complete Remedial Actions |
| 216-B-22 | 216-B-22, 216-BC-9 Trench, 216-B-22 Trench | • Complete Groundwater Protective Measures | • Complete Remedial Actions |
| 216-B-23 | 216-B-23, 216-BC-10 Trench, 216-B-23 Trench | • Complete Groundwater Protective Measures | • Complete Remedial Actions |
| 216-B-24 | 216-B-24, 216-BC-11 Trench, 216-B-24 Trench | • Complete Groundwater Protective Measures | • Complete Remedial Actions |
| 216-B-25 | 216-B-25, 216-BC-12 Trench, 216-B-25 Trench | • Complete Groundwater Protective Measures | • Complete Remedial Actions |
| 216-B-26 | 216-B-26, 216-BC-13 Trench, 216-B-26 Trench | • Complete Groundwater Protective Measures | • Complete Remedial Actions |
| 216-B-27 | 216-B-27, 216-BC-14 Trench, 216-B-27 Trench | • Complete Groundwater Protective Measures | • Complete Remedial Actions |
| 216-B-28 | 216-B-28, 216-BC-15 Trench, 216-B-28 Trench | • Complete Groundwater Protective Measures | • Complete Remedial Actions |
| 216-B-29 | 216-B-29, 216-BC-16 Trench | • Complete Groundwater Protective Measures | • Complete Remedial Actions |
| 216-B-3 | 216-B-3, B Pond, B-3 Pond, 216-B-3 Main Pond, B Swamp, 216-B-3 Swamp, B Plant Swamp | | • Complete Remedial Action |
| 216-B-3-1 | 216-B-3-1, B Swamp Ditch, 216-B-2, 216-B-3 Ditch | | • Complete Remedial Action |
| 216-B-3-2 | 216-B-3-2, 216-B Ditch, 216-B-1 Ditch, B Swamp Ditch, 216-B-2-2E | | • Complete Remedial Action |
| 216-B-3-3 | 216-B-3-3, B Swamp Ditch, 216-B-3-3 Ditch | | • Complete Remedial Action |
| 216-B-30 | 216-B-30, 216-BC-17 Trench, 216-B-30 Trench | • Complete Groundwater Protective Measures | • Complete Remedial Actions |
| 216-B-31 | 216-B-31, 216-BC-18 Trench, 216-B-31 Trench | • Complete Groundwater Protective Measures | • Complete Remedial Actions |
| 216-B-32 | 216-B-32, 216-BC-19 Trench, 216-B-32 Trench | • Complete Groundwater Protective Measures | • Complete Remedial Actions |
| 216-B-33 | 216-B-33, 216-BC-20 Trench, 216-B-33 Trench | • Complete Groundwater Protective Measures | • Complete Remedial Actions |
| 216-B-34 | 216-B-34, 216-BC-21 Trench | • Complete Groundwater Protective Measures | • Complete Remedial Actions |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| 216-B-35 | 216-B-35, 241-BX-1 Grave, 216-BX-1 Trench, 216-B-35 Trench | | • Complete Remedial Action |
| 216-B-36 | 216-B-36, 241-BX-2 Grave, 216-BX-2 Trench, 216-B-36 Trench | | • Complete Remedial Action |
| 216-B-37 | 216-B-37, 241-BX-3 Grave, 216-BX-3 Trench, 216-B-37 Trench | | • Complete Remedial Action |
| 216-B-38 | 216-B-38, 241-BX-4 Grave, 216-BX-4 Trench, 216-B-38 Trench | | • Complete Remedial Action |
| 216-B-39 | 216-B-39, 241-BX-5 Grave, 216-BX-5 Trench, 216-B-39 Trench | | • Complete Remedial Action |
| 216-B-3B RAD | 216-B-3B RAD, 216-B-3B Expansion Lobe Residual Radioactive Waste | | • Complete Remedial Action |
| 216-B-3C RAD | 216-B-3C RAD, 216-B-3C Expansion Lobe Residual Radioactive Waste | | • Complete Remedial Action |
| 216-B-4 | 216-B-4, 216-B-4 French Drain, 216-B-4 Dry Well, 216-B-4 Reverse Well | | • Complete Remedial Action |
| 216-B-40 | 216-B-40, 241-BX-6 Grave, 241-BX-6 Trench, 216-B-40 Trench, 216-BX-6 Trench | | • Complete Remedial Action |
| 216-B-41 | 216-B-41, 241-BX-7 Grave, 216-BX-7 Trench, 216-B-41 Trench | | • Complete Remedial Action |
| 216-B-42 | 216-B-42, 241-BX-8 Grave, 216-BX-8 Trench, 216-B-42 Trench | | • Complete Remedial Action |
| 216-B-43 | 216-B-43, 216-BY-1 Crib, 216-BY-1 Cavern | | • Complete Remedial Action |
| 216-B-44 | 216-B-44, 216-BY-2 Crib, 216-BY-2 Cavern | | • Complete Remedial Action |
| 216-B-45 | 216-B-45, 216-BY-3 Crib, 216-BY-3 Cavern | | • Complete Remedial Action |
| 216-B-46 | 216-B-46, 216-BY-4 Crib, 216-BY-4 Cavern | | • Complete Remedial Action |
| 216-B-47 | 216-B-47, 216-BY-5 Crib, 216-BY-5 Cavern | | • Complete Remedial Action |
| 216-B-48 | 216-B-48, 216-BY-6 Crib, 216-BY-6 Cavern | | • Complete Remedial Action |
| 216-B-49 | 216-B-49, 216-BY-7 Crib, 216-BY-7 Cavern | | • Complete Remedial Action |
| 216-B-5 | 216-B-5, 241-B-361 Reverse Well, 241-B-361 Dry Well, 241-B-5 Dry Well, 299-E28-29 | | • Complete Remedial Action |
| 216-B-50 | 216-B-50, 216-BY-8 Crib, 216-BY-8 Cavern | | • Complete Remedial Action |
| 216-B-51 | 216-B-51, 216-BY-9 Crib | | • Complete Remedial Action |
| 216-B-52 | 216-B-52, 216-B-52 Trench, 216-BC-22 | • Complete Groundwater Protective Measures | • Complete Remedial Action |
| 216-B-53A | 216-B-53A, 216-B-53A Trench, PRTR Trench | | • Complete Remedial Actions |
| 216-B-53B | 216-B-53B, 216-B-53 Trench, 216-B-53B Trench | | • Complete Remedial Actions |
| 216-B-54 | 216-B-54, 216-B-54 Trench | | • Complete Remedial Actions |
| 216-B-55 | 216-B-55, 216-B-55 Enclosed Trench, 216-B-55 Crib | | • Complete Remedial Action |
| 216-B-57 | 216-B-57, 216-B-57 Enclosed Trench, Hanford Prototype Barrier | | • Complete Remedial Action |
| 216-B-58 | 216-B-58, 216-B-58 Trench, 216-B-59 Crib | | • Complete Remedial Actions |
| 216-B-59 | 216-B-59, 216-B-58 Trench, 216-B-58 Ditch | | • Complete Remedial Action |
| 216-B-59B | 216-B-59B, 216-B-59 Retention Basin | | • Complete Remedial Action |
| 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 | | • Complete Remedial Action |
| 216-B-60 | 216-B-60, 216-B-60 Crib | | • Complete Remedial Action |
| 216-B-62 | 216-B-62, 216-B-62 Enclosed Trench, 216-B-62 Crib | | • Complete Remedial Action |
| 216-B-63 | 216-B-63, B Plant Chemical Sewer, 216-B-63 | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| | Trench, 216-B-63 Ditch | | |
| 216-B-64 | 216-B-64, 216-B-64 Retention Basin, 216-B-64 Trench, 216-B-64 Crib | | • Complete Remedial Action |
| 216-B-7A&B | 216-B-7A&B, 241-B-201 Crib, 216-B-7 Crib, 216-B-7A Sump, 216-B-7B Sump, 241-B-1 and 2 Cribs, 216-B-7A & B | | • Complete Remedial Action |
| 216-B-8 | 216-B-8, 241-B-3 Crib, 216-B-8, 216-B-8TF | | • Complete Remedial Action |
| 216-B-9 | 216-B-9, 241-B-361 Crib, 5-6 Crib and Tile Field, 216-B-361 Crib, 216-B-9TF | | • Complete Remedial Action |
| 216-BY-201 | 216-BY-201, 241-BY Flush Tank, 216-BY-47, Supernatant Disposal Flush Tank, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 216-C-1 | 216-C-1, 216-C-1 Crib, 216-C Crib | | • Complete Remedial Action |
| 216-C-10 | 216-C-10, 216-C-10 Crib | | • Complete Remedial Action |
| 216-C-2 | 216-C-2, 291-C Dry Well, 216-C-2 Dry Well | | • Complete Remedial Action |
| 216-C-3 | 216-C-3, 201-C Leaching Pit, 216-C-3 Crib | | • Complete Remedial Action |
| 216-C-4 | 216-C-4, 216-C-4 Crib | | • Complete Remedial Action |
| 216-C-5 | 216-C-5, 216-C-5 Crib | | • Complete Remedial Action |
| 216-C-6 | 216-C-6, 241-CX Crib | | • Complete Remedial Action |
| 216-C-7 | 216-C-7, 216-C-7 Crib | | • Complete Remedial Action |
| 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 | | • Complete Remedial Action |
| 216-S-1&2 | 216-S-1&2, 216-S-5 Crib, 216-S-1 & 2 | | • Complete Remedial Action |
| 216-S-10D | 216-S-10D, 216-S-10D Ditch, 202 Chemical Sump #1 and Ditch, Chemical Sewer Trench, Open Ditch to the Chemical Sewer Trench, 216-S-10 Ditch | | • Complete Remedial Action |
| 216-S-10P | 216-S-10P, 216-S-10P Pond, 202-S Chemical Sump #1 and Ditch, Chemical Sewer Trench | | • Complete Remedial Action |
| 216-S-11 | 216-S-11, 202-S Chemical Sump #2, Chemical Sewer Trenches, 216-S-11 Swamp | | • Complete Remedial Action |
| 216-S-12 | 216-S-12, UPR-200-W-30, 291-S Stack Wash Sump, REDOX Stack Flush Trench | | • Complete Remedial Action |
| 216-S-13 | 216-S-13, 276-S Crib, 216-S-6 | | • Complete Remedial Action |
| 216-S-14 | 216-S-14, Buried Contaminated Hexone, Cold Organic Trench or Grave, 216-S-4 Burial Contaminated Hexone | | • Complete Remedial Action |
| 216-S-16D | 216-S-16D, 202-S Swamp (New) and Ditch, 202-S Swamp #1, REDOX Pond #2, 216-S-24 Ditch | | • Complete Remedial Action |
| 216-S-16P | 216-S-16P, 202-S Swamp and Ditch, 202-S Swamp #1, REDOX Pond #2 | | • Complete Remedial Action |
| 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 | | • Complete Remedial Action |
| 216-S-172 | 216-S-172, 216-S-172 Weir Box and Control Structure, 2904-S-172 Weir, 216-S-172 Control Structure | | • Complete Remedial Action |
| 216-S-18 | 216-S-18, 241-SX Steam Cleaning Pit, 216-S-14 Steam Cleaning Pit | | • Complete Remedial Action |
| 216-S-19 | 216-S-19, 222-S Lab Swamp, 216-SL-1, REDOX Lab Swamp, 216-S-19 Pond | | • Complete Remedial Action |
| 216-S-20 | 216-S-20, 216-SL-1&2 Crib, 216-SL-2 | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| 216-T-26 | 216-T-26, 216-TY-1 Cavern, 216-TY-1 Crib, 241-TX-1 Cavern, 216-TX-1 Crib | | • Complete Remedial Action |
| 216-T-27 | 216-T-27, 216-TY-2 Cavern, 216-TY-2 Crib, 216-TX-2 Cavern, 216-TX-2 Crib | | • Complete Remedial Action |
| 216-T-28 | 216-T-28, 216-TY-3 Cavern, 216-TY-3 Crib, 216-TX-3 Cavern, 216-TX-3 Crib | | • Complete Remedial Action |
| 216-T-29 | 216-T-29, 291-T Sand Filter Sewer, 216-T-29 French Drain | | • Complete Remedial Action |
| 216-T-3 | 216-T-3, 241-T-361-A Reverse Well, 361-T Reverse Well | | • Complete Remedial Action |
| 216-T-31 | 216-T-31, 216-T-31 French Drain | | • Complete Remedial Action |
| 216-T-32 | 216-T-32, 241-T #1 & 2 Cribs, 216-T-6 | | • Complete Remedial Action |
| 216-T-33 | 216-T-33, 216-T-33 Crib | | • Complete Remedial Action |
| 216-T-34 | 216-T-34, 216-T-34 Crib | | • Complete Remedial Action |
| 216-T-35 | 216-T-35, 216-T-35 Crib | | • Complete Remedial Action |
| 216-T-36 | 216-T-36 Crib | | • Complete Remedial Action |
| 216-T-4-1D | 216-T-4-1D, 216-T-4 Ditch, 216-T-4 Swamp | | • Complete Remedial Action |
| 216-T-4-2 | 216-T-4-2, 216-T-4-2 Ditch | | • Complete Remedial Action |
| 216-T-4A | 216-T-4A, 216-T-4 Swamp, 216-T-4-1 (P), 216-T-4-1 Pond | | • Complete Remedial Action |
| 216-T-4B | 216-T-4B, 216-T-4 New Pond, 216-T-4-2 (P), 216-T-4-2 Pond | | • Complete Remedial Action |
| 216-T-5 | 216-T-5, 216-T-5 Grave, 216-T-12, 216-T-5 Trench, 241-T-5 Trench | | • Complete Remedial Action |
| 216-T-6 | 216-T-6, 241-T-361 (1&2 Cribs), 216-T-5, 361-T-1&2 Cribs | | • Complete Remedial Action |
| 216-T-7 | 216-T-7, 216-T-7TF, 216-T-7 Tile Field, 241-T-3 Tile Field | | • Complete Remedial Action |
| 216-T-8 | 216-T-8, 222-T-1 & 2 Cribs | | • Complete Remedial Action |
| 216-T-9 | 216-T-9, Decontamination Trenches, Equipment Decontamination Area | | • Complete Remedial Action |
| 216-TY-201 | 216-TY-201, Supernatant Disposal Flush Tank, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 216-U-1&2 | 216-U-1&2, 361-WR (Crib 2), 216-U-3, 216-UR #1&2 Cribs, 216-U-1 & 2 | • Complete Groundwater Protective Measures | • Complete Remaining Remedial Actions |
| 216-U-10 | 216-U-10, U Swamp, 216-U-1, 216-U-10 Pond, 231 Swamp | | • Complete Remedial Action |
| 216-U-11 | 216-U-11, U Swamp Extension Ditch, 216-U-12, 216-U-11 Trench, 216-U-11 Ditch, 216-U-11 (old ditch), 216-U-11 (new ditch) | | • Complete Remedial Action |
| 216-U-12 | 216-U-12, 216-U-12 Crib | • Complete Groundwater Protective Measures | • Complete Remaining Remedial Actions |
| 216-U-13 | 216-U-13, 216-U-13 Cribs, 216-U-13, Vehicle Steam Cleaning Pit | | • Complete Remedial Action |
| 216-U-14 | 216-U-14, 216-U-14 Ditch, Laundry Ditch | | • Complete Remedial Action |
| 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 | | • Complete Remedial Action |
| 216-U-16 | 216-U-16, UO3 Crib | | • Complete Remaining Remedial Actions |
| 216-U-17 | 216-U-17, 216-U-17 Crib | | • Complete Remaining Remedial Actions |
| 216-U-3 | 216-U-3, 216-U-11, 216-U-3 French Drain | | • Complete Remedial Action |
| 216-U-4 | 216-U-4, 222-U Dry Well, 222-U-110 Dry | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| | Well, 216-U-2, 216-U-4 Dry Well | | |
| 216-U-4A | 216-U-4A, 216-U-4 Reverse Well Replacement French Drain, 216-U-4 Dry Well | | • Complete Remedial Action |
| 216-U-4B | 216-U-4B, 216-U-4B Dry Well, 216-U-4B French Drain | | • Complete Remedial Action |
| 216-U-5 | 216-U-5, 216-U-4, 221-U Cold U Trench #2 | | • Complete Remedial Action |
| 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 | | • Complete Remedial Action |
| 216-U-7 | 216-U-7, 221-U Counting Box French Drain, 221-U Vessel Vent Blower Pit French Drain | | • Complete Remedial Action |
| 216-U-8 | 216-U-8, 216-WR-1,2,3 Cribs, 216-U-9 | • Complete Groundwater Protective Measures | • Complete Remaining Remedial Actions |
| 216-U-9 | 216-U-9, U Swamp-S Swamp Ditch, 216-U-6 | | • Complete Remedial Action |
| 216-W-LWC | 216-W-LWC, 216-W-LC, Laundry Waste Crib, 216-W-LWC Crib, 216-W-1 | | • Complete Remedial Action |
| 216-Z-1&2 | 216-Z-1&2, 234-5 No. 1 Crib, 216-Z-7, 234-5 No. 2 Crib, 216-Z-1 & 2TF, 216-Z-1 and 216-Z-2 Cribs | | • Complete Remedial Action |
| 216-Z-10 | 216-Z-10, 216-Z-2, 231-W Reverse Well, 231-W-151 Dry Well or Reverse Well | | • Complete Remedial Action |
| 216-Z-11 | 216-Z-11, 216-Z-11 Ditch, Z Plant Ditch | | • Complete Remedial Action |
| 216-Z-12 | 216-Z-12, 241-Z-12 Crib | | • Complete Remedial Action |
| 216-Z-13 | 216-Z-13, 234-5 Dry Well #1, 216-Z-13 Dry Well, Miscellaneous Stream 261, 216-A-13 A and B | | • Complete Remedial Action |
| 216-Z-14 | 216-Z-14, 234-5 Dry Well #2, 216-Z-14 Dry Well, Miscellaneous Stream #262, 216-A-14 A and B | | • Complete Remedial Action |
| 216-Z-15 | 216-Z-15, 234-5 Dry Well #3, 216-Z-15 Dry Well, Miscellaneous Stream #263 | | • Complete Remedial Action |
| 216-Z-16 | 216-Z-16 | | • Complete Remedial Action |
| 216-Z-17 | 216-Z-17, 216-Z-17 Ditch | | • Complete Remedial Action |
| 216-Z-18 | 216-Z-18, 216-Z-18 Crib | | • Complete Remedial Action |
| 216-Z-19 | 216-Z-19, 216-U-10 Ditch, Z Plant Ditch, 216-Z-19 Ditch | | • Complete Remedial Action |
| 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 | | • Complete Remedial Action |
| 216-Z-1D | 216-Z-1D, 216-Z-1, Drain Ditch to U Swamp, Z Plant Ditch | | • Complete Remedial Action |
| 216-Z-20 | 216-Z-20, Z-19 Ditch Replacement Tile Field | | • Complete Remedial Action |
| 216-Z-21 | 216-Z-21, 216-Z-21 Seepage Basin, PFP Cold Waste Pond | | • Complete Remedial Action |
| 216-Z-3 | 216-Z-3, 216-Z-3 Culvert, 216-Z-8, 234-5 No. 3 & 4 Cribs | | • Complete Remedial Action |
| 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 | | • Complete Remedial Action |
| 216-Z-5 | 216-Z-5, 231-W Sumps, 231-W-1 & 2 Cribs | | • Complete Remedial Action |
| 216-Z-6 | 216-Z-6, 231-W-4 Crib, 231-Z-6, 216-W-4, 231-W Crib, 216-Z-4, 216-Z-6 & 6A Crib | | • Complete Remedial Action |
| 216-Z-7 | 216-Z-7, 231-W Crib, 231-W Trench, 216-Z-6 | | • Complete Remedial Action |
| 216-Z-8 | 216-Z-8, 234-5 Recuplex French Drain, 216-Z-9, 216-Z-8 Crib | | • Complete Remedial Action |
| 216-Z-9 | 216-Z-9, 216-Z-9 Cavern, 234-5 Recuplex | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| | Cavern, 216-Z-10, 216-Z-9 Crib, 216-Z-9 Covered Trench | | |
| 218-C-9 | 218-C-9, Dry Waste No.0C9, 218-C-9 Burial Ground | | • Complete Remedial Action |
| 218-E-1 | 218-E-1, 200 East Dry Waste No. 001 | | • Complete Remedial Action |
| 218-E-10 | 218-E-10, 200 East Industrial Waste No. 10, Equipment Burial Ground #10 | | • Complete Remedial Action |
| 218-E-12A | 218-E-12A, 200 East Dry Waste No. 12A | | • Complete Remedial Action |
| 218-E-12B | 218-E-12B, 200 East Dry Waste No. 12B, 218-E-12B Burial Ground - Trench 94 | | • Complete Remedial Action |
| 218-E-2 | 218-E-2, 200 East Industrial Waste No. 002, Equipment Burial Ground #2 | | • Complete Remedial Action |
| 218-E-2A | 218-E-2A, Regulated Equipment Storage Site No. 02A, Burial Trench | | • Complete Remedial Action |
| 218-E-4 | 218-E-4, 200 East Minor Construction No. 4, Equipment Burial Ground #4 | | • Complete Remedial Action |
| 218-E-5 | 218-E-5, 200 East Industrial Waste No. 05, Equipment Burial Ground #5 | | • Complete Remedial Action |
| 218-E-5A | 218-E-5A, 200 East Industrial Waste No. 005A, Equipment Burial Ground #5A | | • Complete Remedial Action |
| 218-E-7 | 218-E-7, 200 East 222-B Vaults | | • Complete Remedial Action |
| 218-E-8 | 218-E-8, 200 East Construction Burial Grounds | | • Complete Remedial Action |
| 218-E-9 | 218-E-9, 200 East Regulated Equipment Storage Site No. 009, Burial Vault (HISS) | | • Complete Remedial Action |
| 218-W-1 | 218-W-1, 200-W Area Dry Waste No. 001, Solid Waste Burial Ground #1 | | • Complete Remedial Action |
| 218-W-11 | 218-W-11, Regulated Storage Site | | • Complete Remedial Action |
| 218-W-1A | 218-W-1A, 200-W Area Industrial Waste Burial Ground #1, Equipment Burial Ground #1 | | • Complete Remedial Action |
| 218-W-2 | 218-W-2, 200-W Area Dry Waste No. 002, Dry Waste Burial Ground No. 2 | | • Complete Remedial Action |
| 218-W-2A | 218-W-2A, Industrial Waste No. 02A, Equipment Burial Ground #2 | | • Complete Remedial Action |
| 218-W-3 | 218-W-3, Dry Waste No. 003 | | • Complete Remedial Action |
| 218-W-3A | 218-W-3A, Dry Waste No. 003A | | • Complete Remedial Action |
| 218-W-3AE | 218-W-3AE, Industrial Waste No. 3AE, Dry Waste No. 3AE | | • Complete Remedial Action |
| 218-W-4A | 218-W-4A, Dry Waste No. 04A | | • Complete Remedial Action |
| 218-W-4B | 218-W-4B, Dry Waste No. 04B | | • Complete Remedial Action |
| 218-W-4C | 218-W-4C, Dry Waste No. 004C | | • Complete Remedial Action |
| 218-W-5 | 218-W-5, Dry Waste Burial Ground, Low-Level Radioactive Mixed Waste Burial Grounds | | • Complete Remedial Action |
| 218-W-6 | 218-W-6 Burial Ground | | • Complete Remedial Action |
| 218-W-7 | 218-W-7, 222-S Vault | | • Complete Remedial Action |
| 218-W-8 | 218-W-8, 222-T Vault | | • Complete Remedial Action |
| 218-W-9 | 218-W-9, Dry Waste Burial Ground No. 9, Non-TRU Dry Waste No. 009 | | • Complete Remedial Action |
| 221-B-WS-1 | 221-B-WS-1, B Plant Storage | | • Complete Remedial Action |
| 221-B-WS-2 | 221-B-WS-2, B Plant Waste Piles | | • Complete Remedial Action |
| 231-W-151 | 231-W-151, 231-W-151 Vault, 231-W-151-001 (Tank), 231-W-151-002 (Tank), 231-W-151 Sump, 231-Z-151 Sump, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 240-S-151 | 240-S-151, 240-S-151 Diversion Box | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| 240-S-152 | 240-S-152, 240-S-152 Diversion Box | | • Complete Remedial Action |
| 240-S-302 | 240-S-302, 240-S-302 Catch Tank, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 241-A-151 | 241-A-151, 241-A-151 Diversion Box | | • Complete Remedial Action |
| 241-A-302A | 241-A-302A, 241-A-302-A Catch Tank | | • Complete Remedial Action |
| 241-A-302B | 241-A-302B, 241-A-302-B Catch Tank, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 241-B-154 | 241-B-154, 241-B-154 Diversion Box | | • Complete Remedial Action |
| 241-B-302B | 241-B-302B, 241-B-302-B Catch Tank, 241-B-302, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 241-B-361 | 241-B-361, 241-B-361 Settling Tank, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 241-BX-154 | 241-BX-154, 241-BX-154 Diversion Box | | • Complete Remedial Action |
| 241-BX-155 | 241-BX-155, 241-BX-155 Diversion Box | | • Complete Remedial Action |
| 241-BX-302B | 241-BX-302B, 241-BX-302-B Catch Tank, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 241-BX-302C | 241-BX-302C, 241-BX-302-C Catch Tank, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 241-C-154 | 241-C-154, 241-C-154 Diversion Box | | • Complete Remedial Action |
| 241-CX-70 | 241-CX-70, 241-CX-TK-70 Tank, Strontium Hot Semi-works, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 241-CX-71 | 241-CX-71, 241-CX-TK-71, 241-CX Neutralization Tank, Strontium Hot Semi-works, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 241-CX-72 | 241-CX-72, 241-CX-TK-72 Vault and Tank, 241-CX-72 Waste Self Concentrator, Strontium Hot Semi-works, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 241-ER-151 | 241-ER-151, 241-ER-151 Diversion Box | | • Complete Remedial Action |
| 241-ER-152 | 241-ER-152, 241-ER-152 Diversion Box | | • Complete Remedial Action |
| 241-ER-311 | 241-ER-311, 241-ER-311 Catch Tank, 241-ER-311A Replacement Tank | | • Complete Remedial Action |
| 241-ER-311A | 241-ER-311A, 241-ER-311A Catch Tank, old 241-ER-311, Original 241-ER-311 Catch Tank, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 241-SX-302 | 241-SX-302, 241-SX-302 Catch Tank, SX-304, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 241-T-361 | 241-T-361, 241-T-361 Settling Tank, 361-T-TANK, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 241-TX-152 | 241-TX-152, 241-TX-152 Diversion Box | | • Complete Remedial Action |
| 241-TX-154 | 241-TX-154, 241-TX-154 Diversion Box | | • Complete Remedial Action |
| 241-TX-155 | 241-TX-155, 241-TX-155 Diversion Box | | • Complete Remedial Action |
| 241-TX-302B | 241-TX-302B, 241-TX-302-B Catch Tank, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 241-TX-302BR | 241-TX-302BR, 241-TX-302BR Catch Tank, | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| | 241-TXR-302BR, IMUST, Inactive Miscellaneous Underground Storage Tank | | |
| 241-TX-302C | 241-TX-302C, 241-TX-302-C Catch Tank | | • Complete Remedial Action |
| 241-U-151 | 241-U-151, 241-U-151 Diversion Box | | • Complete Remedial Action |
| 241-U-152 | 241-U-152, 241-U-152 Diversion Box | | • Complete Remedial Action |
| 241-U-361 | 241-U-361, 241-U-361 Settling Tank, 361-U-TANK, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 241-UX-154 | 241-UX-154, 241-UX-154 Diversion Box | | • Complete Remedial Action |
| 241-UX-302A | 241-UX-302A, 241-U-302 Catch Tank, 241-UX-302 Catch Tank, 241-UX-302 | | • Complete Remedial Action |
| 241-WR VAULT | 241-WR VAULT, 241-WR Vault (Tanks -001 through -009), 241-WR-01 thru 09, 241-WR Diversion Station Vault, 244-WR Vault, 296-U-6 Stack, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 241-Z | 241-Z, 241-Z Treatment and Storage Tanks, 241-Z Tank Farm, 241-Z Treatment and Storage System, 241-Z-D-4, 241-Z-D-5, 241-Z-D-7, 241-Z-D-8, 241-Z Sump, 241-Z Tank Pit | | • Complete Remedial Action |
| 241-Z-361 | 241-Z-361, 241-Z-361 Settling Tank, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 241-Z-8 | 241-Z-8, 241-Z-TK-8, Silica Slurry Tank, 216-Z-8, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 2607-E1 | 2607-E1 | | • Complete Remedial Action |
| 2607-E11 | 2607-E11 | | • Complete Remedial Action |
| 2607-E12 | 2607-E12, 2607-E12 Septic System | | • Complete Remedial Action |
| 2607-E3 | 2607-E3, 2607-E3 Septic Tank and Drainfield, 2607-E3 Septic System, TFS of 218-E-4, Tile Field South of 218-E-4 | | • Complete Remedial Action |
| 2607-E4 | 2607-E4, 2607-E4 Septic Tank and Tile Field | | • Complete Remedial Action |
| 2607-E5 | 2607-E5 | | • Complete Remedial Action |
| 2607-E6 | 2607-E6 | | • Complete Remedial Action |
| 2607-E7A | 2607-E7A, 2607-E7 | | • Complete Remedial Action |
| 2607-E7B | 2607-E7B, 2607-E7B Septic System, 2607-E7 | | • Complete Remedial Action |
| 2607-E8 | 2607-E8, 2607-E8 Septic Tank and Tile Field | | • Complete Remedial Action |
| 2607-E9 | 2607-E9, 242B/BL Septic Tank | | • Complete Remedial Action |
| 2607-EA | 2607-EA, 2607-EA Septic Tank and Drywell | | • Complete Remedial Action |
| 2607-EC | 2607-EC | | • Complete Remedial Action |
| 2607-EE | 2607-EE, 2607-EE Septic System | | • Complete Remedial Action |
| 2607-EL | 2607-EL, 2607-EL Septic Tank/Pump Station | | • Complete Remedial Action |
| 2607-EM | 2607-EM | | • Complete Remedial Action |
| 2607-EP | 2607-EP | | • Complete Remedial Action |
| 2607-EQ | 2607-EQ | | • Complete Remedial Action |
| 2607-W1 | 2607-W1 | | • Complete Remedial Action |
| 2607-W2 | 2607-W2 | | • Complete Remedial Action |
| 2607-W3 | 2607-W3 | | • Complete Remedial Action |
| 2607-W4 | 2607-W4, T Plant Septic Tank and Drain Field | | • Complete Remedial Action |
| 2607-W5 | 2607-W5, Septic Tank and Drainfield | • Complete Groundwater Protective Measures | • Complete Remaining Remedial Actions |
| 2607-W7 | 2607-W7, Septic Tank | | • Complete Remaining Remedial |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| | | | Action |
| 2607-W8 | 2607-W8 | | • Complete Remedial Action |
| 2607-W9 | 2607-W9, 2707-SX Septic Tank | | • Complete Remedial Action |
| 2607-WA | 2607-WA | | • Complete Remedial Action |
| 2607-WC | 2607-WC, 2607-WC Septic System | | • Complete Remedial Action |
| 2607-WL | 2607-WL, 2607-WL Septic System | | • Complete Remedial Action |
| 2607-WWA | 2607-WWA, 2607-WWA Septic System | | • Complete Remedial Action |
| 2607-WZ | 2607-WZ | | • Complete Remedial Action |
| 2607-Z | 2607-Z | | • Complete Remedial Action |
| 2607-Z1 | 2607-Z1, Septic Tank and Drainfield | | • Complete Remedial Action |
| 270-E-1 | 270-E-1, 270-E CNT, 270-E Condensate Neutralization Tank, 216-ER-1, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 270-W | 270-W, 270-W Tank, 270-W Neutralization Tank, IMUST, Inactive Miscellaneous Underground Storage Tank | | • Complete Remedial Action |
| 2704-C-WS-1 | 2704-C-WS-1, 2704-C French Drain, Gatehouse French Drain | | • Complete Remedial Action |
| 2904-S-160 | 2904-S-160, 2904-S-160 Control Structure, 2904-S-160 Weir | | • Complete Remedial Action |
| 2904-S-170 | 2904-S-170, 2904-S-170 Weir Box, 2904-S-170 Control Structure | | • Complete Remedial Action |
| 2904-S-171 | 2904-S-171, 2904-S-171 Weir Box, 2904-S-171 Control Structure, 216-S-171 | | • Complete Remedial Action |
| 291-C-1 | 291-C-1, 291-C-1 Stack, 291-C Stack Burial Trench | | • Complete Remedial Action |
| 299-E24-111 | 299-E24-111, Experimental Test Well Site, Miscellaneous Stream 803 | | • Complete Remedial Action |
| B PLANT FILTER | B PLANT FILTER, B Plant Filter, 221-B-TK-34-2 Decant Filter, Filter F-34-4 | | • Complete Remedial Action |
| CTFN 2703-E | CTFN 2703-E, Chemical Tile Field North of 2703-E | | • Complete Remedial Action |
| HSVP | HSVP, Hot Semiworks Valve Pit, 201-C Diversion Box, Semiworks Valve Pit | | • Complete Remedial Action |
| TFS OF 218-E-4 | TFS OF 218-E-4, Tile Field South of 218-E-4, 2607-E3 Tile Field | | • Complete Remedial Action |
| UPR-200-E-1 | UPR-200-E-1, Waste Line Failure on South Side of 221-B | | • Complete Remedial Action |
| UPR-200-E-10 | UPR-200-E-10, Contaminated PUREX Railroad Spur, UN-200-E-10 | | • Complete Remedial Action |
| UPR-200-E-101 | UPR-200-E-101, UN-216-E-30, UN-216-E-101, UN-200-E-101, Radioactive Spill Near 242-B Evaporator | | • Complete Remedial Action |
| UPR-200-E-103 | UPR-200-E-103, UN-200-E-103, BCS Line Leak South of R-17 at 221-B | | • Complete Remedial Action |
| UPR-200-E-106 | UPR-200-E-106, Contamination at a Burning Ground, UN-200-E-106 | | • Complete Remedial Action |
| UPR-200-E-11 | UPR-200-E-11, Railroad Track Contamination Spread, UN-200-E-11 | | • Complete Remedial Action |
| UPR-200-E-112 | UPR-200-E-112, UN-200-E-112, Contaminated Railroad Track from B-Plant to the Burial Ground | | • Complete Remedial Action |
| UPR-200-E-117 | UPR-200-E-117, Contaminated Liquid Spill, UN-200-E-117 | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| UPR-200-E-12 | UPR-200-E-12, Contaminated PUREX Railroad Spur, UN-200-E-12 | | • Complete Remedial Action |
| UPR-200-E-140 | UPR-200-E-140, PCB Oil Spill at 211-B Bulk Chemical Storage Area, UN-200-E-140 | | • Complete Remedial Action |
| UPR-200-E-142 | UPR-200-E-142, 202-A Diesel Fuel Spill, UN-200-E-142 | | • Complete Remedial Action |
| UPR-200-E-143 | UPR-200-E-143, Contamination Adjacent to 244-A Lift Station, UN-216-E-43 | | • Complete Remedial Action |
| UPR-200-E-144 | UPR-200-E-144, Soil Contamination North of 241-B, UN-216-E-44 | | • Complete Remedial Action |
| UPR-200-E-17 | UPR-200-E-17, Overflow at 216-A-22, UN-200-E-17 | | • Complete Remedial Action |
| UPR-200-E-19 | UPR-200-E-19, Contamination Release at 216-A-6 Sampler, UN-200-E-19 | | • Complete Remedial Action |
| UPR-200-E-2 | UPR-200-E-2, UN-200-E-2, Spotty Contamination Around the B and T Plant Stacks | | • Complete Remedial Action |
| UPR-200-E-20 | UPR-200-E-20, Contaminated PUREX Railroad Spur, UN-200-E-20 | | • Complete Remedial Action |
| UPR-200-E-21 | UPR-200-E-21, 216-A-6 Overflow, UN-200-E-21 | | • Complete Remedial Action |
| UPR-200-E-22 | UPR-200-E-22, 291-A-1 Stack Fallout Area, UN-200-E-22, | | • Complete Remedial Action |
| UPR-200-E-23 | UPR-200-E-23, Burial Box Collapse at 218-E-10, UPR-200-W-158 | | • Complete Remedial Action |
| UPR-200-E-24 | UPR-200-E-24, Contamination Plume from the 218-E-10 Burial Ground, UN-200-E-24 | | • Complete Remedial Action |
| UPR-200-E-26 | UPR-200-E-26, 241-A-151 Release, UN-200-E-26 | | • Complete Remedial Action |
| UPR-200-E-28 | UPR-200-E-28, Contamination Release Inside the PUREX Exclusion Area, UN-200-E-28 | | • Complete Remedial Action |
| UPR-200-E-29 | UPR-200-E-29, 216-A-6 Overflow, UN-200-E-29 | | • Complete Remedial Action |
| UPR-200-E-3 | UPR-200-E-3, Line leak from 221-B to 241-BX-154, UN-200-E-3 | | • Complete Remedial Action |
| UPR-200-E-30 | UPR-200-E-30, Contamination Within 218-E-12A, UN-200-E-30 | | • Complete Remedial Action |
| UPR-200-E-31 | UPR-200-E-31, 241-A-151 Release, UN-200-E-31 | | • Complete Remedial Action |
| UPR-200-E-33 | UPR-200-E-33, Contaminated PUREX Railroad tracks, UN-200-E-33 | | • Complete Remedial Action |
| UPR-200-E-35 | UPR-200-E-35, Buried Contaminated Pipe, UN-218-E-1, 218-E-13 | | • Complete Remedial Action |
| UPR-200-E-36 | UPR-200-E-36, Road Contamination North of Semiworks, UN-200-E-36 | | • Complete Remedial Action |
| UPR-200-E-37 | UPR-200-E-37, Contamination East of Hot Semi-Works, UN-200-E-37, UN-216-E-37 | | • Complete Remedial Action |
| UPR-200-E-39 | UPR-200-E-39, Release from 216-A-36B Crib Sampler (295-A), UN-200-E-39 | | • Complete Remedial Action |
| UPR-200-E-41 | UPR-200-E-41, UN-200-E-41 Soil Contamination in the Vicinity of R-13 Stairwell (221-B), UPR-200-E-85 | | • Complete Remedial Action |
| UPR-200-E-42 | UPR-200-E-42, 241-AX-151 Release, UN-200-E-42 | | • Complete Remedial Action |
| UPR-200-E-43 | UPR-200-E-43, Road Contamination near 241-BY Tank Farm, UN-200-E-43 | | • Complete Remedial Action |
| UPR-200-E-44 | UPR-200-E-44, UN-200-E-44, BCS Waste Line | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| | Leak South of 221-B | | |
| UPR-200-E-45 | UPR-200-E-45, UN-200-E-45, Contamination Spread from the 241-B-154 Diversion Box | | • Complete Remedial Action |
| UPR-200-E-50 | UPR-200-E-50, Soil Contamination at the Overground Equipment Storage Yard, UN-200-E-50 | | • Complete Remedial Action |
| UPR-200-E-52 | UPR-200-E-52, UN-200-E-52, Contamination Spread Outside the North Side of 221-B | | • Complete Remedial Action |
| UPR-200-E-53 | UPR-200-E-53, UN-200-E-53, Contamination at 218-E-1 | | • Complete Remedial Action |
| UPR-200-E-54 | UPR-200-E-54, UN-200-E-54, Contamination Outside 225-B Doorway | | • Complete Remedial Action |
| UPR-200-E-55 | UPR-200-E-55, UN-200-E-55, Contamination Spread South of B Plant | | • Complete Remedial Action |
| UPR-200-E-56 | UPR-200-E-56, 216-A-24 Crib Excavation, Excavated Contamination Adjacent to 216-A-24 Crib, UN-200-E-56, UN-216-E-33 | | • Complete Remedial Action |
| UPR-200-E-58 | UPR-200-E-58, Contaminated Tumbleweeds found on dirt road, UN-200-E-58 | | • Complete Remedial Action |
| UPR-200-E-62 | UPR-200-E-62, Transportation spill near 200-E Burning Ground, UN-216-E-62, UN-200-E-62, | | • Complete Remedial Action |
| UPR-200-E-63 | UPR-200-E-63, Radioactively Contaminated Tumbleweeds, UN-216-E-63, UN-200-E-63 | | • Complete Remedial Action |
| UPR-200-E-64 | UPR-200-E-64, Radioactive Soil and Ant Hills, UN-200-E-64, UN-216-E-36 | | • Complete Remedial Action |
| UPR-200-E-66 | UPR-200-E-66, 216-A-42 Basin Contamination Release, UN-216-E-66, UN-200-E-66 | | • Complete Remedial Action |
| UPR-200-E-69 | UPR-200-E-69, UN-216-E-69, Railroad Car Flush Water Radioactive Spill, UN-200-E-69 | | • Complete Remedial Action |
| UPR-200-E-7 | UPR-200-E-7, UN-200-E-7, Cave-In Near 219-B-9 (241-B-361 Crib) | | • Complete Remedial Action |
| UPR-200-E-77 | UPR-200-E-77, UN-216-E-5, 241-B-154 Diversion Box Ground Contamination, UN-200-E-77 | | • Complete Remedial Action |
| UPR-200-E-78 | UPR-200-E-78, UN-216-E-6, 241-BX-155 Diversion Box ground contamination, UN-200-E-78 | | • Complete Remedial Action |
| UPR-200-E-79 | UPR-200-E-79, UN-216-E-7, 242-B to 207-B Line Break, UN-200-E-79 | | • Complete Remedial Action |
| UPR-200-E-80 | UPR-200-E-80, UN-216-E-8, 221-B R-3 Line Break, R-3 Radiation Zone, UN-200-E-80 | | • Complete Remedial Action |
| UPR-200-E-83 | UPR-200-E-83, UN-216-E-11, BC Cribs Controlled Area, BC Controlled Area, UN-200-E-83 | | • Complete Remedial Action |
| UPR-200-E-84 | UPR-200-E-84,241-ER-151 Catch Tank Leak, UN-200-E-84, UN-216-E-12 | | • Complete Remedial Action |
| UPR-200-E-85 | UPR-200-E-85, Line Leak at 221-B Stairwell R-13, UN-216-E-13, UPR-200-E-41, UN-200-E-85, UN-200-E-41 | | • Complete Remedial Action |
| UPR-200-E-87 | UPR-200-E-87, UN-216-E-15, 224-B South Side Plutonium Ground Contamination, UN-200-E-87, 216-E-15 | | • Complete Remedial Action |
| 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 | | • Complete Remedial Action |

| End State Definition | | | |
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| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| 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 | | • Complete Remedial Action |
| UPR-200-E-9 | UPR-200-E-9, Liquid Overflow at 216-BY-201, UN-200-E-9 | | • Complete Remedial Action |
| 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 | | • Complete Remedial Action |
| 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 | | • Complete Remedial Action |
| UPR-200-E-93 | UPR-200-E-93, UN-216-E-21 Ground contamination along 200 East Area fence | | • Complete Remedial Action |
| 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 | | • Complete Remedial Action |
| UPR-200-E-96 | UPR-200-E-96, Ground Contamination SE of PUREX, UN-216-E-24, UN-200-E-96 | | • Complete Remedial Action |
| UPR-200-E-97 | UPR-200-E-97, PUREX Railroad Tunnel Contamination, UN-216-E-25, UN-200-E-97 | | • Complete Remedial Action |
| UPR-200-E-98 | UPR-200-E-98, UN-216-E-26, Ground Contamination East of C Plant, UN-200-E-98 | | • Complete Remedial Action |
| UPR-200-W-10 | UPR-200-W-10, UN-200-W-10, Contamination Spread at 203-S UNH Tanks | | • Complete Remedial Action |
| UPR-200-W-101 | UPR-200-W-101, UN-216-W-9, 221-U Acid Spill R-1 through R-9, UN-200-W-101 | | • Complete Remedial Action |
| UPR-200-W-102 | UPR-200-W-102, UN-216-W-12, UN-200-W-102, 224-T Underground Line Leak | | • Complete Remedial Action |
| UPR-200-W-103 | UPR-200-W-103, 216-Z-18 Line Break, UN-216-W-13, UN-200-W-103, Pipe Line Leak | | • Complete Remedial Action |
| UPR-200-W-108 | UPR-200-W-108, Line leak at 216-S-9 Crib, UN-216-W-18, UN-200-W-108 | | • Complete Remedial Action |
| UPR-200-W-109 | UPR-200-W-109, Waste Line Leak near 218-W-9, UN-216-W-19, UN-200-W-109 | | • Complete Remedial Action |
| UPR-200-W-11 | UPR-200-W-11, Burial Ground Fire, UN-200-W-11, UPR-200-W-16 | | • Complete Remedial Action |
| UPR-200-W-110 | UPR-200-W-110, Contaminated Soil from 216-Z-1, UN-216-W-20 Spoil Trench | | • Complete Remedial Action |
| UPR-200-W-111 | UPR-200-W-111, Sludge Trench at 207-U, UN-216-W-21 | | • Complete Remedial Action |
| UPR-200-W-112 | UPR-200-W-112, Sludge Trench at 207-U, UN-216-W-22 | | • Complete Remedial Action |
| UPR-200-W-113 | UPR-200-W-113, Soil Contamination East of 241-TX, UN-216-W-23, Contamination Areas Around 241-TX-155 Diversion Box, UN-200-W-113 | | • Complete Remedial Action |
| UPR-200-W-114 | UPR-200-W-114, UN-216-W-24, Ground Contamination East of 241-SX Tank Farm, UN-200-W-114 | | • Complete Remedial Action |
| UPR-200-W-116 | UPR-200-W-116, UN-216-W-26, Ground Contamination North of 202-S, UN-200-W-116 | | • Complete Remedial Action |
| UPR-200-W-117 | UPR-200-W-117, Railroad Track Contamination, 221-U Railroad Cut Contamination, UN-216-W-27, UN-200-W-117 | | • Complete Remedial Action |
| UPR-200-W-118 | UPR-200-W-118, Contamination at 211-U, UN-216-W-28, UN-200-W-118 | | • Complete Remedial Action |
| UPR-200-W-123 | UPR-200-W-123, 204-S Unloading Facility | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| **Waste Site Number** | **Waste Site Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| | Frozen Discharge Line, UN-200-W-123 | | |
| UPR-200-W-124 | UPR-200-W-124, Dike Break at the REDOX Pond, UN-200-W-124 | | • Complete Remedial Action |
| UPR-200-W-130 | UPR-200-W-130, Line Leak at 231-W-151 Sump, UN-200-W-130 | | • Complete Remedial Action |
| UPR-200-W-131 | UPR-200-W-131, Release from 241-TX-155 | | • Complete Remedial Action |
| UPR-200-W-134 | UPR-200-W-134, Improper Drum Burial | | • Complete Remedial Action |
| UPR-200-W-135 | UPR-200-W-135, Release from 241-TX-155, UN-200-W-135 | | • Complete Remedial Action |
| UPR-200-W-137 | UPR-200-W-137, 218-W-7, UN-200-W-137 | | • Complete Remedial Action |
| UPR-200-W-138 | UPR-200-W-138, 221-U Vessel Vent Blower Pit French Drain, UN-216-W-11, UN-200-W-138, UN-200-W-22, UPR-200-W-22 | | • Complete Remedial Action |
| UPR-200-W-14 | UPR-200-W-14, Waste Line Leak at 242-T Evaporator, UN-200-W-14 | | • Complete Remedial Action |
| UPR-200-W-16 | UPR-200-W-16, Fire at 218-W-1 Burial Ground | | • Complete Remedial Action |
| UPR-200-W-161 | UPR-200-W-161, UN-216-W-35, UN-200-W-161 | | • Complete Remedial Action |
| UPR-200-W-162 | UPR-200-W-162, Contaminated Area on East Side of 221-U, UN-216-W-37 | | • Complete Remedial Action |
| UPR-200-W-163 | UPR-200-W-163, Contaminated Vegetation at the 216-U-8 Pipeline (200-W-42), UN-216-W-33 | | • Complete Remaining Remedial Actions |
| UPR-200-W-164 | UPR-200-W-164, Overhead UNH Line Leak, UN-216-W-29 | | • Complete Remedial Action |
| UPR-200-W-165 | UPR-200-W-165, Contamination Area East of 241-S, UN-216-W-30 | | • Complete Remedial Action |
| UPR-200-W-166 | UPR-200-W-166, Contamination Migration from 241-T Tank Farm, UN-216-W-31 | | • Complete Remedial Action |
| UPR-200-W-167 | UPR-200-W-167, Contamination Migration from 241-TY, UN-216-W-32 | | • Complete Remedial Action |
| UPR-200-W-19 | UPR-200-W-19, 241-U-361 Overflow, UN-200-W-19 | | • Complete Remaining Remedial Actions |
| UPR-200-W-2 | UPR-200-W-2, UN-200-W-2, Underground Waste Line Leak | | • Complete Remedial Action |
| UPR-200-W-21 | UPR-200-W-21, UN-200-W-21, UN-216-W-36, Process Line Cave-in at 241-TX-154 Diversion Box | | • Complete Remedial Action |
| UPR-200-W-23 | UPR-200-W-23, Waste Box Fire at 234-5Z, UN-200-W-23 | | • Complete Remedial Action |
| UPR-200-W-26 | UPR-200-W-26, Contamination Spread During Burial Operation | | • Complete Remedial Action |
| UPR-200-W-27 | UPR-200-W-27, Transfer Line Leak at 23rd and Camden, UN-200-W-27, UN-216-W-5 | | • Complete Remedial Action |
| UPR-200-W-28 | UPR-200-W-28, Release from 241-TX-155 Diversion Box, UN-200-W-28 | | • Complete Remedial Action |
| UPR-200-W-29 | UPR-200-W-29, Transfer Line Leak, UN-200-W-29, UPR-200-W-27, UN-200-W-27, UN-216-W-5, 23rd and Camden Line Break | | • Complete Remedial Action |
| UPR-200-W-3 | UPR-200-W-3, Railroad Contamination, UN-200-W-3 | | • Complete Remedial Action |
| UPR-200-W-32 | UPR-200-W-32, UNH Transfer Line Break, UN-200-W-32 | | • Complete Remedial Action |
| UPR-200-W-33 | UPR-200-W-33, Ground Contamination at 224-U, UN-200-W-33 | | • Complete Remaining Remedial Actions |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| UPR-200-W-35 | UPR-200-W-35, Ground Contamination Near UNH Process Line, UN-200-W-35, REDOX to 224-U UNH Line Leak | | • Complete Remedial Action |
| UPR-200-W-36 | UPR-200-W-36, Groundwater Contamination at 216-S-1 and 216-S-2 | | • Complete Remedial Action |
| UPR-200-W-37 | UPR-200-W-37, Contaminated Boxes Found in a Burn Pit | | • Complete Remedial Action |
| UPR-200-W-39 | UPR-200-W-39, UN-200-W-39, 224-U Buried Contamination Trench | | • Complete Remedial Action |
| UPR-200-W-4 | UPR-200-W-4, Railroad Contamination, UN-200-W-4 | | • Complete Remedial Action |
| UPR-200-W-41 | UPR-200-W-41, Railroad Contamination, UN-200-W-41, REDOX Railroad Cut Contamination | | • Complete Remedial Action |
| UPR-200-W-42 | UPR-200-W-42, Contamination found at 2706-S, UN-200-W-42 | | • Complete Remedial Action |
| UPR-200-W-43 | UPR-200-W-43, Contaminated Blacktop East of 233-S, UN-200-W-43 | | • Complete Remedial Action |
| UPR-200-W-44 | UPR-200-W-44, Railroad Track Contamination, UN-200-W-44 | | • Complete Remedial Action |
| UPR-200-W-45 | UPR-200-W-45, Burial Box Collapse | | • Complete Remedial Action |
| UPR-200-W-46 | UPR-200-W-46, Contaminated Railroad Track, H-2 Centriguge Burial, UN-200-W-46 | | • Complete Remedial Action |
| UPR-200-W-48 | UPR-200-W-48, Contaminated Railroad Track near 221-U, UN-200-W-48 | | • Complete Remaining Remedial Actions |
| UPR-200-W-5 | UPR-200-W-5, Overflow at 241-TX-155, UN-200-W-5 | | • Complete Remedial Action |
| UPR-200-W-51 | UPR-200-W-51, Release from 241-S Diversion Box, UN-200-W-51, UPR-200-W-52 | | • Complete Remedial Action |
| UPR-200-W-52 | UPR-200-W-52, Release from 241-S Diversion Box, UN-200-W-52 | | • Complete Remedial Action |
| UPR-200-W-53 | UPR-200-W-53, Burial Box Collapse | | • Complete Remedial Action |
| UPR-200-W-55 | UPR-200-W-55, Uranium Powder Spill at 224-U, UN-200-W-55 | | • Complete Remedial Action |
| UPR-200-W-56 | UPR-200-W-56, Contamination at the REDOX Column Carrier Trench, UN-200-W-56 | | • Complete Remedial Action |
| UPR-200-W-57 | UPR-200-W-57, UPR-200-E-120 (misassignment of E-W area number), UN-200-W-57 | | • Complete Remedial Action |
| UPR-200-W-58 | UPR-200-W-58, Railroad Track Contamination, UN-200-W-58 | | • Complete Remedial Action |
| UPR-200-W-6 | UPR-200-W-6, UN-200-W-6, Contamination Spread from 241-U-151 and 241-U-152 Diversion Boxes | | • Complete Remedial Action |
| UPR-200-W-60 | UPR-200-W-60, Railroad Contamination, UN-200-W-60 | | • Complete Remedial Action |
| UPR-200-W-61 | UPR-200-W-61, REDOX Ground Contamination, UN-200-W-61 | | • Complete Remedial Action |
| UPR-200-W-63 | UPR-200-W-63, Road Contamination along the South Shoulder of 23rd Street, UN-200-W-63 | | • Complete Remedial Action |
| UPR-200-W-64 | UPR-200-W-64, Road Contamination at 23rd and Camden, UN-200-W-64 | | • Complete Remedial Action |
| UPR-200-W-65 | UPR-200-W-65, Contamination in the T-Plant Railroad Cut, UN-200-W-65 | | • Complete Remedial Action |
| UPR-200-W-67 | UPR-200-W-67, Contamination near 2706-T, UN-200-W-67 | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| **Waste Site Number** | **Waste Site Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| UPR-200-W-68 | UPR-200-W-68, Road Contamination, UN-200-W-68 | | • Complete Remedial Action |
| UPR-200-W-69 | UPR-200-W-69, Railroad Contamination, UN-200-W-69 | | • Complete Remedial Action |
| UPR-200-W-70 | UPR-200-W-70, Contamination Found at the 200 West Burning Ground | | • Complete Remedial Action |
| UPR-200-W-71 | UPR-200-W-71, UN-200-W-71, Contamination Spread along 16th Street | | • Complete Remedial Action |
| UPR-200-W-72 | UPR-200-W-72, Contamination at 218-W-4A | | • Complete Remedial Action |
| UPR-200-W-73 | UPR-200-W-73, Contaminated Railroad Track at 221-T, UN-200-W-73 | | • Complete Remedial Action |
| UPR-200-W-78 | UPR-200-W-78, UO3 Powder Spill at 224-U, UN-200-W-78 | | • Complete Remedial Action |
| UPR-200-W-79 | UPR-200-W-79, Contamination Spread at 241-Z, UN-200-W-79 | | • Complete Remedial Action |
| UPR-200-W-8 | UPR-200-W-8, UN-200-W-8, 200-W-5, Old Burial/Burning Pit, U-Plant Burning Pit/Burial Ground | | • Complete Remaining Remedial Actions |
| UPR-200-W-83 | UPR-200-W-83, Radioactive Spill Near 204-S Radiation Zone, UN-216-W-82, UN-200-W-83 | | • Complete Remedial Action |
| UPR-200-W-84 | UPR-200-W-84, Ground Contamination During Burial Operation | | • Complete Remedial Action |
| UPR-200-W-85 | UPR-200-W-85, Radioactive Spill from Multipurpose Transfer Box, UN-216-W-85, UN-200-W-85 | | • Complete Remedial Action |
| 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 | | • Complete Remedial Action |
| UPR-200-W-89 | UPR-200-W-89, Radioactive Contamination Southwest of 236-Z Building, UN-216-W-89, UN-200-W-89 | | • Complete Remedial Action |
| UPR-200-W-90 | UPR-200-W-90, Radioactive Contamination South of 236-Z Building, UN-216-N-90, UN-200-W-90 | | • Complete Remedial Action |
| UPR-200-W-91 | UPR-200-W-91, Radioactive Contamination near 234-5Z Building, UN-216-W-91, UN-200-W-91 | | • Complete Remedial Action |
| UPR-200-W-96 | UPR-200-W-96, UN-216-W-4, 233-S Floor Overflow, 233-SA Floor Overflow | | • Complete Remedial Action |
| UPR-200-W-97 | UPR-200-W-97, Transfer Line Leak, UN-216-W-5, UN-200-W-97 | | • Complete Remedial Action |
| UPR-200-W-98 | UPR-200-W-98, UN-216-W-6, 221-T Waste Line Break at R-19, UN-200-W-98 | | • Complete Remedial Action |
| UPR-200-W-99 | UPR-200-W-99, UN-216-W-7, 241-153-TX Diversion Box Contamination Spread, UN-200-W-99 | | • Complete Remedial Action |

## C.2.2.3 200 Area Surveillance and Maintenance

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Provide Surveillance and Maintenance on Surplus Canyon Facilities**<br>Maintain assigned waste sites, facilities, structures, operating systems and equipment, and monitoring systems within the authorization envelope until the facilities are | The Contractor shall perform surveillance and maintenance on the surplus canyon buildings and structures.<br><br>**This work scope shall be done in compliance with:** | CD0032<br>Installed PUREX roof<br>**Due:** 30 November 2002 | None Identified |
| | | CD0033<br>Installed B Plant Roof<br>**Due:** 30 November 2002 | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| dispositioned. Maintain radiological control and access control to the surplus canyon and ancillary facilities to ensure personnel safety. | • HNF-11187, "Plutonium-Uranium Extraction Authorization Agreement" | CD0034 Authorization Agreement for PUREX (Review and update yearly) | None Identified |
| | | CD0036 Authorization Agreement for B Plant (review and update yearly) | None Identified |
| **Provide Surveillance and Maintenance on 200 Area Facilities after Shutdown** Maintain assigned facilities, structures, operating systems and equipment, and monitoring systems in compliance with applicable directives and regulatory documents until the facilities are dispositioned. Maintain radiological control and access control to the surplus facilities to ensure personnel safety. Surveillance and maintenance will also be conducted on 200 Area general purpose facilities. | The Contractor shall perform surveillance and maintenance on the assigned 200 Area buildings and structures. | None Identified | None Identified |
| **Provide Surveillance and Maintenance of 200 Area Waste Sites** Perform surveillance and maintenance on assigned waste sites. | Provide Surveillance and Maintenance on 200 Area Waste Sites after shutdown. | None Identified | None Identified |

## C.2.3 300 Area Cleanup Work

## C.2.3.1 300 Area Facility Cleanup

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Disposition 300 Area Facilities** Perform the facility assessment and submit for the lead regulating agency and DOE decision. Perform transition activities (e.g., Flush, isolate and blank process or sub-process systems; remove radioactive and hazardous materials and mixed wastes; deactivate non-essential systems and utilities; remove excess materials and equipment). Achieve the final end state for the facility (e.g. entombment or dismantlement and site restoration) including closure of any TSDs. At the point where all systems and spaces at the facility achieve their respective end state condition, disposition is achieved and the DOE will verify the end state. | M-092-11-T01; Complete disposition options for all Hanford non-rad sodium by 30 September 2004<br><br>**Post Contract Period:** The Contractor shall disposition the assigned 300 Area facilities identified in the table below in compliance with regulator and DOE decisions.<br><br>**This work scope shall be done in compliance with:** • DOE/EA-0987, "Disposition of Alkali Metal Test Loops, Hanford Site, Richland, Washington" | None Identified | None Identified |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 300LYS | 300 Area Lysimeter Plot | | • Complete Transition<br>• Complete Disposition |
| 3020 | Environmental Molecular Sciences Laboratory | | • Complete Transition<br>• Complete Disposition |
| 310 | Treated Effluent Disposal Facility | | • Complete Transition<br>• Complete Disposition |
| 310S | Drum Storage Area at 300 TEDF | | • Complete Transition<br>• Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post-Contract Period Scope |
| 312 | River Pump House | | • Complete Transition<br>• Complete Disposition |
| 314A | Gas Bonding Autoclave Pit | | • Complete Disposition |
| 315 | Filter Water Plant Building | | • Complete Transition<br>• Complete Disposition |
| 315A | Backwash Disposal Pond | | • Complete Disposition |
| 315C | Backwash Lift Station & Sedimentation Pond | | • Complete Transition<br>• Complete Disposition |
| 315D | Backwash Recycle Pump Station | | • Complete Transition<br>• Complete Disposition |
| 318 | Radiological Calibrations Laboratory | | • Complete Transition<br>• Complete Disposition |
| 318B | HTLTR Stack | | • Complete Disposition |
| 318-BA | 318 Boiler Annex | | • Complete Transition<br>• Complete Disposition |
| 318C | HTLTR Filter Facility | | • Complete Disposition |
| 320 | Physical Sciences Laboratory | | • Complete Transition<br>• Complete Disposition |
| 320-BA | 320 Boiler Annex | | • Complete Transition<br>• Complete Disposition |
| 3220 | Telephone Exchange Building | | • Complete Transition<br>• Complete Disposition |
| 325 | Radiochemical Processing Laboratory | | • Complete Transition<br>• Complete Disposition |
| 325A | Cesium Recovery Facility | | • Complete Disposition |
| 325B | Shielded Lab Annex | | • Complete Disposition |
| 325-BA | Boiler Annex | | • Complete Transition<br>• Complete Disposition |
| 325C | Fluorine Gas Storage | | • Complete Disposition |
| 325D | Maintenance Shop Addition | | • Complete Disposition |
| 325E | Fire Riser/Backflow Preventer Building | | • Complete Transition<br>• Complete Disposition |
| 326 | Material Science Laboratory | | • Complete Transition<br>• Complete Disposition |
| 326-BA | 326 Boiler Annex | | • Complete Transition<br>• Complete Disposition |
| 329 | Chemical Sciences Laboratory | | • Complete Transition<br>• Complete Disposition |
| 331 | Life Sciences Laboratory | | • Complete Transition<br>• Complete Disposition |
| 331-BA | 331 Boiler Annex | | • Complete Transition<br>• Complete Disposition |
| 331C | Animal Care Facility Storage Building | | • Complete Transition<br>• Complete Disposition |
| 331D | Biomagnetic Effects Laboratory | | • Complete Transition<br>• Complete Disposition |
| 331G | Interim Tissue Repository | | • Complete Transition<br>• Complete Disposition |
| 331H | Aerosol Wind Tunnel Research Facility | | • Complete Transition<br>• Complete Disposition |
| 336 | High Bay Testing Facility | | • Complete Transition<br>• Complete Disposition |
| 337 | Technical Management Center | | • Complete Transition<br>• Complete Disposition |
| 337-BA | 337 Boiler Annex | | • Complete Transition |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post-Contract Period Scope |
| | | | • Complete Disposition |
| 338 | Maintenance Building | | • Complete Transition<br>• Complete Disposition |
| 339A | Computer Facility | | • Complete Transition<br>• Complete Disposition |
| 342 | Waste Collection Sump I | | • Complete Transition<br>• Complete Disposition |
| 342A | 300 TEDF Electrical / Instrumentation Building | | • Complete Transition<br>• Complete Disposition |
| 342B | Transformer Pad / Vault - TEDF | | • Complete Transition<br>• Complete Disposition |
| 342C | Generator Pad - TEDF Sump | | • Complete Transition<br>• Complete Disposition |
| 350 | Plant Operations and Maintenance Facility | | • Complete Transition<br>• Complete Disposition |
| 3503B | Electrical Cable Pit No. 3 | | • Complete Disposition |
| 3506C | Telecommunications Hub | | • Complete Transition<br>• Complete Disposition |
| 3507 | Microwave Tower and Building | | • Complete Transition<br>• Complete Disposition |
| 350A | Paint Shop | | • Complete Transition<br>• Complete Disposition |
| 350B | Warehouse - Maintenance Materials | | • Complete Transition<br>• Complete Disposition |
| 350C | Storage Building (Temporary) | | • Complete Transition<br>• Complete Disposition |
| 350D | Oil Storage Facility | | • Complete Transition<br>• Complete Disposition |
| 351 | Substation, 115kV | | • Complete Disposition |
| 351A | Meter and Testing Building | | • Complete Transition<br>• Complete Disposition |
| 351B | Meter Testing and Switchgear Facility | | • Complete Transition<br>• Complete Disposition |
| 352E | Switch Station East Side | | • Complete Transition<br>• Complete Disposition |
| 352F | Electrical Substation 2.4kV | | • Complete Transition<br>• Complete Disposition |
| 3614B | Process Water Trenches | | • Complete Transition<br>• Complete Disposition |
| 3621D | Emergency Generator Building & Shop | | • Complete Transition<br>• Complete Disposition |
| 3709A | Fire Station | | • Complete Transition<br>• Complete Disposition |
| 3709B | Fire Equipment Storage | | • Complete Transition<br>• Complete Disposition |
| 3763 | Office Building | | • Complete Transition<br>• Complete Disposition |
| 3766 | Office Building | | • Complete Transition<br>• Complete Disposition |
| 3790 | Security Office Building | | • Complete Transition<br>• Complete Disposition |
| 382 | Pump House Building | | • Complete Transition<br>• Complete Disposition |
| 382B | Fire Pump Station | | • Complete Transition<br>• Complete Disposition |
| 382-BA | 382 Boiler Annex | | • Complete Transition |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| | | | • Complete Disposition |
| 3906 | Sanitary & Process Lift Station | | • Complete Transition<br>• Complete Disposition |
| 3906B | Process Lift Station | | • Complete Transition<br>• Complete Disposition |
| 3906C | Sanitary Sewer Monitoring Station | | • Complete Transition<br>• Complete Disposition |
| MO226 | Office Building | | • Complete Transition<br>• Complete Disposition |
| MO258 | Mobile Office at FMIT Area | | • Complete Transition<br>• Complete Disposition |
| MO262 | Mobile Office at FMIT Area | | • Complete Transition<br>• Complete Disposition |
| MO263 | Mobile Office at FMIT Area | | • Complete Transition<br>• Complete Disposition |
| MO265 | Mobile Office at FMIT Area | | • Complete Transition<br>• Complete Disposition |
| MO337 | Mobile Office -Change Room | | • Complete Disposition |
| MO443 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO717 | Mobile Office -Lunchroom | | • Complete Transition<br>• Complete Disposition |
| MO744 | Mobile Office at 310 TEDF | | • Complete Transition<br>• Complete Disposition |
| MO745 | Mobile Office | | • Complete Transition<br>• Complete Disposition |

## C.2.3.2 300 Area Waste Site Cleanup

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Remediate 300 Area Waste Sites**<br>Perform the waste site assessment and submit for the lead regulating agency and DOE decision. Remediate the waste sites in accordance with the approved record of decision (ROD). Submit a cleanup verification package (CVP) for each waste site (or groups of waste sites) to the lead regulator and obtain regulator approval. | **Post Contract Period:**<br>The Contractor shall remediate assigned 300 Area soil sites in accordance with the Record of Decision for the 300-FF-2 Operable Unit. | None Identified | None Identified |

| End State Definition | | | |
|---|---|---|---|
| **Waste Site Number** | **Waste Site Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 300-265 | 300-265, Pipe Trench Between 324 and 325 Buildings | | • Complete Remedial Action |
| 600-117 | 600-117, 300 Area Treated Effluent Disposal Facility (TEDF), 310 Building | | • Complete Remedial Action |
| UPR-300-10 | UPR-300-10, Contamination Under 325 Bldg., UN-300-10 | | • Complete Remedial Action |
| UPR-300-12 | UPR-300-12, UN-300-12, Contaminated Soil Beneath the 325 Building | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| UPR-300-48 | UPR-300-48, 325 Building Basement Topsy Pit | | • Complete Remedial Action |

## C.2.3.3 300 Area Surveillance and Maintenance

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Provide Surveillance and Maintenance on 300 Area Facilities after Shutdown** Maintain assigned waste sites, facilities, structures, operating systems and equipment, and monitoring systems in compliance with applicable directives and regulatory documents until the facilities are dispositioned. Maintain radiological control and access control to the surplus facilities to ensure personnel safety. Surveillance and maintenance will also be conducted on 300 Area general purpose facilities. | The Contractor shall perform surveillance and maintenance on the assigned 300 Area buildings 3718 and 337B, structures, and waste sites. | None Identified | None Identified |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post-Contract Period Scope |
| 337B | 337 Bldg High-Bay & Service Wing | | • Complete Transition<br>• Complete Disposition |
| 3718M | Sodium Storage Facility | | • Complete Transition<br>• Complete Disposition |

## C.2.3.4 300 ACP Facilities Deactivation Pending Transfer to River Corridor Contract

This section represents scope that has been identified to be transitioned from the Contractor to the River Corridor Contractor. The Contractor shall continue to perform this scope pending transition to the River Corridor Contractor.

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Maintain Safe and Compliant 300 ACP Facilities** Maintain the facilities and associated waste sites, structures, operating systems and equipment, and monitoring systems within the authorization envelope until the facilities are transferred to decommissioning activities. Prepare and package waste streams for disposition as required and dispose as appropriate. Maintain radiological control and access control to ensure personnel safety. | The Contractor shall provide minimum safe surveillance and maintenance of the assigned 300 Area facilities to reduce risks to workers, the public, and the environment pending eventual decontamination and decommissioning, and removal or closure.<br><br>M-092-06-T02: Complete the disposal/or disposition of approximately 135 MT Of Unirradiated Contaminated Fuel located in the 300 Area and 5 MT of Miscellaneous Uranium Source Materials located in all 300 And 200 Area Fuel Supply Shutdown Facilities, and complete disposal/disposition of approximately 825 MT Of Un-Irradiated Fuel Source Materials located in the 300 | CD0366<br>Authorization Agreement 324 (review and update yearly) | None Identified |
| | | CD0367<br>665.3 MT of uranium metal fuel packaged, shipped and disposed from the 300 Area<br>**Due:** 31 March 2006 | None Identified |
| | | CD0368<br>158.19 MT of uranium metal fuel packaged, shipped and disposed from the 300 Area<br>**Due:** 31 March 2006 | None Identified |
| | | CD0369<br>Requested change to ERDF | GF0114<br>Response to ERDF |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | Area Fuel Supply Shutdown Facilities.<br>Due: 30 September 2006<br><br>**This work scope shall be done in compliance with:**<br>• HNF-5810, "324 Building Deactivation Project Authorization Agreement" | Authorization Basis Document (0600X-AB-G0004/BHI-00370) | Authorization Basis Document (0600X-AB-G0004/BHI-00370) change, if needed, within 90 days after submittal of the AB |
| | | CD0379<br>Request for amendment to the SARP addressing the 1.25% enriched fuel and scrap and allowing shipments below 60 degrees Fahrenheit | GF0115<br>Response to request for amendment to the SARP addressing the 1.25% enriched fuel and scrap and allowing shipments below 60 degrees Fahrenheit within 90 days of submittal |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 303A | Storage Building | • Turned over to RCC for final disposition | |
| 303B | Storage Building | • Turned over to RCC for final disposition | |
| 303C | Material Evaluation Laboratory | • Turned over to RCC for final disposition | |
| 303E | Storage Building | • Turned over to RCC for final disposition | |
| 303F | Pump House | • Turned over to RCC for final disposition | |
| 303G | Storage Building | • Turned over to RCC for final disposition | |
| 303J | Material Storage Building | • Turned over to RCC for final disposition | |
| 303M | 303M Uranium Oxide Facility | • Turned over to RCC for final disposition | |
| 304 | Uranium Concretion Facility | • Turned over to RCC for final disposition | |
| 304A | Uranium Concretion Facility Change Room | • Turned over to RCC for final disposition | |
| 305 | Engineering Testing Facility | • Turned over to RCC for final disposition | |
| 305-BA | Boiler Annex | • Turned over to RCC for final disposition | |
| 305A | Electrician & Pipefitter Shop | • Turned over to RCC for final disposition | |
| 306E | Development, Fabrication, & Test Lab | • Turned over to RCC for final disposition | |
| 307 | 300 Area Retention Process Sewer System | • Turned over to RCC for final disposition | |
| 309 | Plutonium Recycle Test Reactor - Offices - Shop | • Turned over to RCC for final disposition | |
| 311TF | 311 TANK FARM | • Turned over to RCC for final disposition | |
| 313 | Reactor Fuel Manufacturing Support Building | • Turned over to RCC for final disposition | |
| 313N | Metal Extrusion Building | • Turned over to RCC for final disposition | |
| 314 | Engineering Development Laboratory | • Turned over to RCC for final | |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post-Contract Period Scope |
| | | disposition | |
| 314B | Stress Rupture Test Facility | • Turned over to RCC for final disposition | |
| 315B | Chlorine Storage Building | • Turned over to RCC for final disposition | |
| 321 | Hydromechanical / Seismic Facility | • Turned over to RCC for final disposition | |
| 321B | Hydromechanical / Seismic (Part of 321 Bldg) | • Turned over to RCC for final disposition | |
| 321C | Core Pump Shelter, Part of 321 Bldg | • Turned over to RCC for final disposition | |
| 321D | Seismic Testing Facility | • Turned over to RCC for final disposition | |
| 3225 | Bottle Dock | | • Turned over to RCC for final disposition |
| 3229 | Storage Building | • Turned over to RCC for final disposition | |
| 3231 | Electrician Shop | | • Turned over to RCC for final disposition |
| 3232 | Storage Building | | • Turned over to RCC for final disposition |
| 324 | Waste Technology Engineering Laboratory | • Turned over to RCC for final disposition | |
| 324A | Chemical Engineering Bldg | • Turned over to RCC for final disposition | |
| 324B | Chemical Engineering Lab Exhaust Stack | • Turned over to RCC for final disposition | |
| 324C | Experimental Lithium Enclosure | • Turned over to RCC for final disposition | |
| 324D | Exhaust Stack Sampling Building | • Turned over to RCC for final disposition | |
| 324S | Concrete Basin | • Turned over to RCC for final disposition | |
| 327 | Post-irradiation Testing Laboratory | • Turned over to RCC for final disposition | |
| 328 | Engineering Services & Safety Building | | • Turned over to RCC for final disposition |
| 328A | Sheet Metal Shop | | • Turned over to RCC for final disposition |
| 333 | N-Fuels Manufacturing Building | • Turned over to RCC for final disposition | |
| 334 | Process Sewer Monitor Facility | • Turned over to RCC for final disposition | |
| 334A | Waste Acid Storage Building | • Turned over to RCC for final disposition | |
| 335 | Sodium Test Facility | • Turned over to RCC for final disposition | |
| 340 | Waste Neutralization Facility. | | • Turned over to RCC for final disposition |
| 340A | Waste Retention Building | | • Turned over to RCC for final disposition |
| 340B | Waste Loadout Building | | • Turned over to RCC for final disposition |
| 3503A | Electrical Cable Pit No. 2 | • Turned over to RCC for final disposition | |
| 3506A | Powerhouse Maintenance Shop | • Turned over to RCC for final | |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post-Contract Period Scope |
| | | disposition | |
| 3506B | Maintenance Shop | • Turned over to RCC for final disposition | |
| 3614A | River Monitoring Station | • Turned over to RCC for final disposition | |
| 3621BC | Emergency Generator Building | | • Turned over to RCC for final disposition |
| 3701D | Office Building | • Turned over to RCC for final disposition | |
| 3701U | Office Building | • Turned over to RCC for final disposition | |
| 3704 | Insulators Storage | • Turned over to RCC for final disposition | |
| 3705 | Photography Building | • Turned over to RCC for final disposition | |
| 3706 | Communication and Documentation Services Bldg | • Turned over to RCC for final disposition | |
| 3706A | Ventilation Equipment Room for 3706 Bldg | • Turned over to RCC for final disposition | |
| 3707D | Office Building | • Turned over to RCC for final disposition | |
| 3707E | Construction Storage | • Turned over to RCC for final disposition | |
| 3707F | Radiation Monitoring Bldg | • Turned over to RCC for final disposition | |
| 3707H | Change House | | • Turned over to RCC for final disposition |
| 3708 | Radioanalytical Laboratory | • Turned over to RCC for final disposition | |
| 3709 | Paint Shop | | • Turned over to RCC for final disposition |
| 3711 | Maintenance Storage Building | • Turned over to RCC for final disposition | |
| 3712 | Storage Building | • Turned over to RCC for final disposition | |
| 3713 | Carpenter Shop | | • Turned over to RCC for final disposition |
| 3714 | Soil & Cement Laboratory | • Turned over to RCC for final disposition | |
| 3715 | Storage Building | • Turned over to RCC for final disposition | |
| 3716 | Storage Building | • Turned over to RCC for final disposition | |
| 3717 | Spare Parts Warehouse | • Turned over to RCC for final disposition | |
| 3717B | South Maintenance Facility | | • Turned over to RCC for final disposition |
| 3717C | Materials Archive Building | • Turned over to RCC for final disposition | |
| 3718 | Office & Storage Building | | • Turned over to RCC for final disposition |
| 3718A | Laboratory Equipment Central Pool Bldg | • Turned over to RCC for final disposition | |
| 3718B | Laboratory Equipment Central Pool Bldg | • Turned over to RCC for final disposition | |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post-Contract Period Scope |
| 3718C | Storage Building | • Turned over to RCC for final disposition | |
| 3718E | Laboratory Equipment Central Pool Storage Bldg | • Turned over to RCC for final disposition | |
| 3718G | Laboratory Equipment Central Pool Storage Bldg | • Turned over to RCC for final disposition | |
| 3718N | Insulation Shop | | • Turned over to RCC for final disposition |
| 3719 | Computer Facility | | • Turned over to RCC for final disposition |
| 3721 | Classified Shredder Facility | | • Turned over to RCC for final disposition |
| 3722 | Construction Shop | | • Turned over to RCC for final disposition |
| 3723 | Solvent / Acid Storage | • Turned over to RCC for final disposition | |
| 3727 | Classified Vault | | • Turned over to RCC for final disposition |
| 3728 | Geotechnical High Bay | • Turned over to RCC for final disposition | |
| 3731 | Laboratory Equipment Central Pool | • Turned over to RCC for final disposition | |
| 3731A | Graphite Machine Shop | • Turned over to RCC for final disposition | |
| 3745 | Radiological Calibrations and Standards | • Turned over to RCC for final disposition | |
| 3745A | Electron Accelerator Facility | • Turned over to RCC for final disposition | |
| 3745B | Positive Ion Accelerator Facility | • Turned over to RCC for final disposition | |
| 3746 | Irradiation Physics Building | • Turned over to RCC for final disposition | |
| 3746A | Radiological Physics Lab | • Turned over to RCC for final disposition | |
| 3746D | Technical Service Annex | | • Turned over to RCC for final disposition |
| 3762 | Offices | • Turned over to RCC for final disposition | |
| 3764 | Offices | • Turned over to RCC for final disposition | |
| 3768 | Office Building | • Turned over to RCC for final disposition | |
| 3769 | Office Building | • Turned over to RCC for final disposition | |
| 377 | Geotechnical Engineering Laboratory | • Turned over to RCC for final disposition | |
| 3770 | Office Building | • Turned over to RCC for final disposition | |
| 3802A | Steam PRV Station | • Turned over to RCC for final disposition | |
| 384 | Powerhouse Building | • Turned over to RCC for final disposition | |
| 3906A | Sanitary Sewer Lift Station #1 | | • Turned over to RCC for final disposition |
| MO026 | Mobile Office | • Turned over to RCC for final disposition | |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| MO036 | Mobile Office East of 3718 | | • Turned over to RCC for final disposition |
| MO052 | Office Building | • Turned over to RCC for final disposition | |
| MO103 | Mobile Office | • Turned over to RCC for final disposition | |
| MO105 | Mobile Office | • Turned over to RCC for final disposition | |
| MO270 | Mobile Office NE of 3764 | • Turned over to RCC for final disposition | |
| MO271 | Mobile Office NE of 3764 | • Turned over to RCC for final disposition | |
| MO274 | Mobile Office SE of 324 (324TRL1) | • Turned over to RCC for final disposition | |
| MO275 | Mobile Office NE of 324 (324TRL2) | • Turned over to RCC for final disposition | |
| MO557 | Mobile Office -CF | • Turned over to RCCfor final disposition | |
| MO558 | Mobile Office -CM | • Turned over to RCC for final disposition | |
| MO741 | HPT Office by 3762 | • Turned over to RCC for final disposition | |
| MO830 | Mobile Office -Lunchroom | • Turned over to RCC for final disposition | |
| MO842 | Mobile Office -Lunchroom | • Turned over to RCC for final disposition | |

| Waste Site Surveillance and Maintenance | |
|---|---|
| **Site Number** | **Site Description** |
| 300 RLWS | 300 RLWS, 300 Area RLWS, 300 Area Radioactive Liquid Waste Sewer |
| 300 RRLWS | 300 RRLWS, 300 Area Retired RLWS, 300 Area Retired Radioactive Liquid Waste Sewer System, Crib Waste System, Contaminated Sewer, Intermediate Level Radioactive Liquid Waste System |
| 300-109 | 300-109, 333 Building Stormwater Runoff, Miscellaneous Stream #455 |
| 300-11 | 300-11, Pumphouse Underground Gasoline Tank, 382 Pumphouse UGT, 382-1 |
| 300-110 | 300-110, 333 Building Stormwater Runoff, Miscellaneous Stream #456 |
| 300-121 | 300-121, 3621D Building Stormwater Runoff, Miscellaneous Stream #403, Injection Well #26 |
| 300-123 | 300-123, 366 Building Fuel Oil Bunker Loading Station Steam Condensate, Miscellaneous Stream #342 |
| 300-15 | 300-15, 300 Area Process Sewer System |
| 300-16 | 300-16, Solid Waste Near 314 Building, Contamination Found During Utility Pole Replacements |
| 300-175 | 300-175, 3714 Building Steam Condensate, Miscellaneous Stream #434 |
| 300-2 | 300-2, Contaminated Light Water Disposal |
| 300-214 | 300-214, 300 Area Retention Process Sewer |
| 300-218 | 300-218, 314 Building, Engineering Development Laboratory |
| 300-219 | 300-219, 300 Area Waste Acid Transfer Line |
| 300-22 | 300-22, 309 Building B-Cell Cleanout Leak |
| 300-223 | 300-223, 384 Powerhouse Fuel Oil Day Tanks #1 and #2 |
| 300-224 | 300-224, WATS and U-Bearing Piping Trench |
| 300-24 | 300-24, Soil Contamination at the 314 Metal Extrusion Building |
| 300-249 | 300-249, 304 Building, Residual Rad Contamination |

| Waste Site Surveillance and Maintenance | |
|---|---|
| **Site Number** | **Site Description** |
| 300-25 | 300-25, 324 Building |
| 300-251 | 300-251, Unplanned Release Outside the 303-K Building |
| 300-255 | 300-255, 309 Tank Farm Contaminated Soil |
| 300-256 | 300-256, 306E Fabrication and Testing Laboratory Releases |
| 300-257 | 300-257, 309 Process Sewer To River |
| 300-258 | 300-258, Abandoned Pipe Trench Between 334 Tank Farm and 306E |
| 300-259 | 300-259, Contaminated Area Surrounding 618-1 Burial Ground |
| 300-260 | 300-260, Contaminated Soil West of 313 Building |
| 300-263 | 300-263, 324 Building Diversion Tank |
| 300-264 | 300-264, 327 Building, Postirradiation Testing Laboratory (PTL) |
| 300-270 | 300-270, Unplanned Release at 313 Building |
| 300-28 | 300-28, Contamination Found Along Ginko Street, Solid Waste Site Near 303-G Building |
| 300-32 | 300-32, 333 Building, 333 N Fuels Manufacturing Building, New Fuel Cladding Facility |
| 300-34 | 300-34, 300 Area Process Sewer Leak (found during Project L-070 excavation at manhole PS-87) |
| 300-39 | 300-39, 309 Building Ex-vessel Irradiated Fuel Storage Basin, 309 Building Irradiated Fuel Storage Basin, 309 Fuel Storage Basin |
| 300-4 | 300-4, DOE 351 Substation Soil Contamination |
| 300-40 | 300-40, Corrosion of Vitrified Clay Sewer Pipe |
| 300-41 | 300-41, 306E Neutralization Tank, Underground Lime Tank and Valve Pit |
| 300-43 | 300-43, Unplanned Release Outside the 304 Building |
| 300-46 | 300-46, Soil contamination surrounding 3706 Building |
| 300-48 | 300-48, Thorium Oxide and Fuel Fabrication Chemical Wastes Around 3732 Building |
| 300-5 | 300-5, 300 Area Fire Station Fuel Tanks, 3709A Fire Station |
| 300-6 | 300-6, 366/366A Fuel Oil Bunkers |
| 300-80 | 300-80, 314 Building Stormwater Runoff and Steam Condensate, Miscellaneous Stream #268 |
| 303-K CWS | 303-K CWS, 303-K Contaminated Waste Storage |
| 303-M SA | 303-M SA, 303-M Storage Area, 303-M Building Storage Area |
| 303-M UOF | 303-M UOF, 303-M Uranium Oxide Facility |
| 307 RB | 307 RB, 307 Retention Basins |
| 309-TW-1 | 309-TW-1, 309-TW Tank #1, 309 Holdup Tanks |
| 309-TW-2 | 309-TW-2, 309-TW Tank #2, 309 Holdup Tanks |
| 309-TW-3 | 309-TW-3, 309-TW Tank #3, 309 Holdup Tank |
| 309-WS-1 | 309-WS-1, 309 Plutonium Recycle Test Reactor Ion Exchanger Vault, Reactor Ion Exchange Pit, PRTR Ion Exchange Vault |
| 309-WS-2 | 309-WS-2, Rupture Loop Ion Exchange Pit, Ion Exchange Vault, Rupture Loop Annex Ion Exchange Loop Vault, RLAIX, PRTR Rupture Loop |
| 309-WS-3 | 309-WS-3, 309 Brine Tank |
| 313 ESSP | 313 ESSP, 313 East Side Storage Pad, 313 Building East Site Storage Pad |
| 316-3 | 316-3, 307 Disposal Trenches, Process Water Trenches |
| 333 ESHWSA | 333 ESHWSA, 333 East Side HWSA, 333 Building East Side Hazardous Waste Storage Area |
| 333 WSTF | 333 WSTF, 333 West Side Tank Farm, 333 West Side Waste Oil Tank, 333 West Side Uranium Bearing Acid Tanks, 333 WSWOT |
| 340 COMPLEX | 340 COMPLEX, 340 Radioactive Liquid Waste Handling Facility |
| 3712 USSA | 3712 USSA, 3712 Uranium Scrap Storage Area, 3712 Building Uranium Scrap Storage Area, 3712 Fuels Warehouse |
| UPR-300-1 | UPR-300-1, 316-1A, 307-340 Waste Line Leak, UN-300-1 |
| UPR-300-11 | UPR-300-11, Underground Radioactive Liquid Line Leak, UN-300-11 |
| UPR-300-17 | UPR-300-17, UN-300-17, Metal Shavings Fire |
| UPR-300-2 | UPR-300-2, Releases at the 340 Facility, UN-300-2, UN-316-2 |
| UPR-300-38 | UPR-300-38, Soil Contamination Beneath the 313 Building |

| Waste Site Surveillance and Maintenance | |
|---|---|
| Site Number | Site Description |
| UPR-300-39 | UPR-300-39, UN-300-39, Sodium Hydroxide Leak at 311 Tank Farm |
| UPR-300-4 | UPR-300-4, UN-300-4, Contaminated Soil Beneath the 321 Building |
| UPR-300-40 | UPR-300-40, Acid Release at the 303-F Pipe Trench, UN-300-40, UPR-300-31, UN-300-31 |
| UPR-300-42 | UPR-300-42, 300 Area Powerhouse Fuel Oil Spill, UN-300-42 |
| UPR-300-45 | UPR-300-45, 303-F Building Uranium-Bearing Acid Spill, UN-300-45 |
| UPR-300-46 | UPR-300-46, Contamination North of 333 Building |
| UPR-300-5 | UPR-300-5, UN-300-5, Spill at 309 Storage Basin |

## C.2.4 400 Area Cleanup Work

### C.2.4.1 Fast Flux Test Facility (FFTF) Cleanup

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Maintain Safe & Compliant FFTF Complex**<br>Maintain assigned facilities, structures, operating systems and equipment, and monitoring systems in compliance with applicable directives and regulatory documents until the facilities are decommissioned. Prepare and package waste streams for disposition as required and dispose as appropriate. Maintain radiological control and access control to ensure personnel safety. | | CD0043<br>FFTF Update to Final Safety Analysis Report (FSAR) (Including Hazard Analysis Data) (Annual) | GF0051<br>Review and approve annual updates to the FFTF FSAR. Anniversary date for submittals is August 31. |
| | | CD0044<br>Discharge Monitoring Report for State Waste Discharge Permit ST 4501 (Semi annually) | None Identified |
| | | CD0045<br>Authorization Agreements for FFTF (review and update yearly) | None Identified |
| **Transition FFTF Complex**<br>Remove 376 irradiated and unirradiated fuel components from the FFTF Complex, package and ship to a secure storage area. Drain approximately 260,000 gallons of liquid metal (mostly sodium) from the reactor systems, the two fuel storage vessels, and their auxiliary systems and store in tanks located in the Sodium Storage Facility (SSF). Provide a protective blanket of inert gas over the approximately 3,600 gallons of residual sodium remaining temporarily in plant components until sodium is dispositioned. Drain and de-energize support systems as appropriate, in both the reactor and the support buildings in order to remove potential hazards. | The Contractor shall transition the Fast Flux Test Facility to low-cost, stable, deactivated conditions (requiring minimal surveillance and maintenance) pending final disposition.<br><br>The Contractor shall shut down the FFTF auxiliary systems not required to support immediate sodium residuals disposition and decommissioning.<br><br>The Contractor shall upgrade the FFTF closed loop ex-vessel handling machine.<br><br>The Contractor shall drain secondary heat transport sodium from the FFTF.<br><br>The Contractor shall drain the sodium from the FFTF reactor vessel, heat transport loops, and the two fuel storage vessels.<br><br>The Contractor shall complete repairs and upgrades to the FFTF Solid Waste Cask.<br><br>The Contractor shall procure Interim Storage Casks.<br><br>The Contractor shall wash the remaining fuel in FFTF and place it in Interim Storage Casks (ISCs). | CD0047<br>Secondary heat transport system loops drained of sodium<br>**Due:** 31 May 2003 | None Identified |
| | | CD0048<br>81 fuel assemblies removed from FFTF<br>**Due:** 22 January 2004 | None Identified |
| | | CD0374<br>Fuel assembly MFF-1 disassembled and fuel pins loaded into Ident-69 pin containers or pin baskets, as appropriate<br>**Due:** 31 July 2004 | None Identified |
| | | CD0375<br>Five additional interim storage casks (ISCs) loaded and transferred to 200 ISA<br>**Due:** 31 August 2004 | None Identified |
| | | CD0376<br>Sodium flush completed for the two in-containment sodium-potassium (NaK) alloy cooling systems<br>**Due:** End of FFTF Contract Transition | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | The Contractor shall disassemble fuel assembly MFF-1.<br><br>The Contractor shall load and transfer ISCs to the 200 Area ISA. | CD0377<br>NaK in the Fuel Storage Facility Cooling System drained<br>**Due:** End of FFTF Contract Transition | None Identified |
| | The Contractor shall flush and drain the two in-containment NaK cooling systems.<br><br>The Contractor shall drain NaK in the Fuel Storage Facility cooling system.<br><br>The Contractor shall lower the primary sodium level in the reactor vessel and drain the three primary loops.<br><br>**Post Contract Period:**<br>The contractor shall transition facilities identified in the table below.<br><br>**This work scope shall be done in compliance with:**<br>• DOE/EA-0993, "Environmental Assessment, Shutdown of the Fast Flux Test Facility, Hanford Site, Richland, Washington"<br>• DOE/RL-89-10, "Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement), Revision 6"<br>• Authorization Agreement for Fast Flux Test Facility | CD0378<br>Primary sodium level in the reactor vessel lowered and the three primary loops drained<br>**Due:** End of FFTF Contract Transition | None Identified |
| **Disposition FFTF Sodium**<br>Operate the Sodium Storage Facility until sodium is dispositioned. Transport the bulk sodium by truck to Argonne National Laboratory - West (ANL-W) Sodium Processing Facility in Idaho, where it will be converted to sodium hydroxide. Return the sodium hydroxide to Hanford by truck where it will be used by the DOE Office of River Protection in the treatment of high-level tank waste at Hanford. Remove the residual sodium from the plant systems by a combination of in-situ cleaning and physical component removal for cleaning or storage.<br><br>Post Contract Period:<br>Remove the residual sodium from the plant systems. Ship sodium to the ANL-W Sodium Processing Facility for conversion to usable sodium hydroxide. | Sodium residuals shall be accommodated to a stabilized condition such that long-term monitoring and surveillance of the FFTF could be conducted in a safe and environmentally sound manner.<br><br>The retrieved sodium from FFTF shall be stored in the Sodium Storage Facility.<br><br>**This work scope shall be done in compliance with:**<br>• CRD O 460.2, Chg 1, "Departmental Materials Transportation & Packaging Management" | None Identified | None Identified |
| **Decommission FFTF Complex**<br>Upon direction, decommission the FFTF complex in accordance with approved Environmental documentation. At the point where all systems and spaces at the facility achieve their respective end state condition, disposition is achieved and the DOE will verify the end state. | Prepare analysis, including development of alternative descriptions and waste plans, as may be useful to prepare appropriate NEPA documentation for decommissioning the FFTF.<br><br>**Post Contract Period:**<br>The Contractor shall disposition the assigned FFTF buildings and structures identified in the table below in compliance with regulator and DOE decisions. | CD0052<br>Draft document to include environmental and cost analyses and alternative descriptions to be used in preparing appropriate NEPA documentation for decommissioning the FFTF.<br>**Due:** 30 September 2003 | None Identified |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post-Contract Period Scope |
| 402 | Sodium Storage Facility | | • Complete Transition<br>• Complete Disposition |
| 403 | Fuel Storage Facility | | • Complete Transition<br>• Complete Disposition |
| 405 | FFTF Reactor Containment Building | | • Complete Transition<br>• Complete Disposition |
| 408A | Main Heat Dump, East | | • Complete Transition<br>• Complete Disposition |
| 408B | Main Heat Dump, South | | • Complete Transition<br>• Complete Disposition |
| 408C | Main Heat Dump, West | | • Complete Transition<br>• Complete Disposition |
| 409A | Closed Loop Heat Dump, East #1 | | • Complete Transition<br>• Complete Disposition |
| 409B | Closed Loop Heat Dump, East #2 | | • Complete Transition<br>• Complete Disposition |
| 432A | ISA Covered Equipment Storage | | • Complete Transition<br>• Complete Disposition |
| 436 | Training Facility | | • Complete Transition<br>• Complete Disposition |
| 437 | Maintenance & Storage Facility (MASF) | | • Complete Transition<br>• Complete Disposition |
| 440 | 90-day Covered Storage Pad | | • Complete Transition<br>• Complete Disposition |
| 451A | FFTF Substation, 115kV | | • Complete Transition<br>• Complete Disposition |
| 453A | Transformer Station, East DHX A1 2.4kV | | • Complete Transition<br>• Complete Disposition |
| 453B | Transformer Station, South DHX A2 2.4kV | | • Complete Transition<br>• Complete Disposition |
| 453C | Transformer Station, West DHX A3 2.4kV | | • Complete Transition<br>• Complete Disposition |
| 4621E | Auxiliary Equipment Building, East | | • Complete Transition<br>• Complete Disposition |
| 4621W | Auxiliary Equipment Building, West | | • Complete Transition<br>• Complete Disposition |
| 4701A | Former FFTF Guard Station | | • Complete Transition<br>• Complete Disposition |
| 4703 | FFTF Control Building | | • Complete Transition<br>• Complete Disposition |
| 4710 | FFTF Office Bldg | | • Complete Transition<br>• Complete Disposition |
| 4713A | Riggers & Drivers Operations Facility | | • Complete Transition<br>• Complete Disposition |
| 4713B | FFTF Maintenance Shop | | • Complete Transition<br>• Complete Disposition |
| 4713C | Contaminated Storage Warehouse | | • Complete Transition<br>• Complete Disposition |
| 4713D | Interim Maintenance and Storage Facility | | • Complete Transition<br>• Complete Disposition |
| 4716 | FFTF Rigging Loft | | • Complete Transition<br>• Complete Disposition |
| 4717 | Reactor Service Building | | • Complete Transition<br>• Complete Disposition |
| 4718 | 400 Area Interim Storage Area Pad | | • Complete Transition<br>• Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 4721 | FFTF Emergency Generator Building | | • Complete Transition<br>• Complete Disposition |
| 4734A | FFTF Argon/Nitrogen DEWAR Pad | | • Complete Transition<br>• Complete Disposition |
| 480A | Water Supply Well House (P-14) | | • Complete Transition<br>• Complete Disposition |
| 480B | Water Supply Well House (P-15) | | • Complete Transition<br>• Complete Disposition |
| 480D | Water Supply Well House (P-16) | | • Complete Transition<br>• Complete Disposition |
| 481 | Water Pump House | | • Complete Transition<br>• Complete Disposition |
| 481A | Water Pump House | | • Complete Transition<br>• Complete Disposition |
| 482A | Water Storage Tank (T-58) | | • Complete Transition<br>• Complete Disposition |
| 482B | Water Storage Tank (T-87) | | • Complete Transition<br>• Complete Disposition |
| 482C | Water Storage Tank (T-330) | | • Complete Transition<br>• Complete Disposition |
| 483 | Cooling Towers Chemical Addition Bldg | | • Complete Transition<br>• Complete Disposition |
| 484 | FFTF In-Containment Chiller Water Equipment Bldg | | • Complete Transition<br>• Complete Disposition |
| 4842B | Switchgear Bldg for Pump House | | • Complete Transition<br>• Complete Disposition |
| 491E | HTS Service Building, East | | • Complete Transition<br>• Complete Disposition |
| 491S | HTS Service Building, South | | • Complete Transition<br>• Complete Disposition |
| 491W | HTS Service Building, West | | • Complete Transition<br>• Complete Disposition |

| Waste Site Closures | | |
|---|---|---|
| **Site Number** | **Site Description** | **Associated Building Number** |
| 400-31 | 400-31, Sodium Storage Facility, 402 Building | 402 |
| 437 MASF | 437 MASF, 400 Area Maintenance and Storage Facility, 437 Maintenance and Storage Facility | 437 |

## C.2.4.2 Balance of 400 Area Facilities Cleanup

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Disposition balance of 400 Area Facilities**<br>Perform the facility assessment and submit for the lead regulating agency and DOE decision. Perform transition activities (e.g., Flush, isolate and blank process or sub-process systems; remove radioactive and hazardous materials and mixed wastes; deactivate non-essential systems and utilities; remove excess materials and equipment). Achieve the final end state for the facility | The Contractor shall disposition the assigned 400 Area buildings and structures in compliance with regulator and DOE decisions. | CD0056<br>Facilities transitioned and dispositioned as identified in table below. | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| (e.g. entombment or dismantlement and site restoration) including closure of any TSDs. At the point where all systems and spaces at the facility achieve their respective end state condition, disposition is achieved and the DOE will verify the end state. | | | |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 427 | Fuels and Materials Examination Facility (FMEF) | | • Complete Transition<br>• Complete Disposition |
| 427A | Argon / Hydrogen Mixing Bldg | | • Complete Transition<br>• Complete Disposition |
| 451B | Electrical Substation 115kV | | • Complete Transition<br>• Complete Disposition |
| 4607 | Septic Tank | | • Complete Disposition |
| 4608B | Control Structure & Process Sewer Sampling Station | | • Complete Transition<br>• Complete Disposition |
| 4701B | Former Guard Station | • Complete Transition | • Complete Disposition |
| 4701C | FMEF Gate Bldg | | • Complete Transition<br>• Complete Disposition |
| 4702 | Office Building | • Complete Transition | • Complete Disposition |
| 4704N | Security Maintenance Shop | | • Complete Transition<br>• Complete Disposition |
| 4704S | 400 Area Fire Station | | • Complete Transition<br>• Complete Disposition |
| 4706 | Office Building | | • Complete Transition<br>• Complete Disposition |
| 4707 | 400 Area Site Support Office | | • Complete Transition<br>• Complete Disposition |
| 4719 | Medical Aid Station | | • Complete Transition<br>• Complete Disposition |
| 4722B | Carpenter Shop | • Complete Transition | • Complete Disposition |
| 4722C | Painters Shop | | • Complete Transition<br>• Complete Disposition |
| 4726 | Carpenter Supply Storage Bldg | | • Complete Transition<br>• Complete Disposition |
| 4727 | Maintenance Flammable Storage Building | | • Complete Transition<br>• Complete Disposition |
| 4732A | Warehouse | | • Complete Transition<br>• Complete Disposition |
| 4732B | Warehouse | | • Complete Transition<br>• Complete Disposition |
| 4732C | Warehouse | | • Complete Transition<br>• Complete Disposition |
| 4734B | Site Service Maintenance Shop | | • Complete Transition<br>• Complete Disposition |
| 4734C | Warehouse | | • Complete Transition<br>• Complete Disposition |
| 4734D | Warehouse | • Complete Transition | • Complete Disposition |
| 4760 | Construction Shop | | • Complete Transition<br>• Complete Disposition |
| 4790 | Patrol Headquarters Building | | • Complete Transition<br>• Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post-Contract Period Scope |
| 4790A | Microwave Tower Storage | | • Complete Transition<br>• Complete Disposition |
| 4791TC | Warehouse (General Storage) | | • Complete Transition<br>• Complete Disposition |
| 4802 | Office / Warehouse | | • Complete Transition<br>• Complete Disposition |
| 4814 | Warehouse | | • Complete Transition<br>• Complete Disposition |
| 4831 | Flammable Storage | | • Complete Transition<br>• Complete Disposition |
| 483A | FMEF Cooling Tower | | • Complete Transition<br>• Complete Disposition |
| 483B | FMEM Water Treatment Building | | • Complete Transition<br>• Complete Disposition |
| 4842A | 451B Electrical Substation - Switchgear | | • Complete Transition<br>• Complete Disposition |
| 4843 | Interim Solid Sanitary Waste Transfer Facility | | • Complete Transition<br>• Complete Disposition |
| 4862 | FMEF Office Wing | | • Complete Transition<br>• Complete Disposition |

| Waste Site Closures | | |
|---|---|---|
| Site Number | Site Description | Associated Building Number |
| 400-36 | 400-36, 4843 Building Temporary Transfer Station, Sanitary Waste Check Station, 4843 Waste Inspection Facility | 4843 |

## C.2.4.3 400 Area Waste Site Cleanup

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Remediate 400 Area Waste Sites**<br>Perform the waste site assessment and submit for the lead regulating agency and DOE decision. Remediate the waste sites in accordance with the approved record of decision (ROD). Submit a cleanup verification package (CVP) for each waste site (or groups of waste sites) to the lead regulator and obtain regulator approval. | The Contractor shall remediate the assigned 400 Area waste sites in compliance with regulator and DOE decisions. | CD0057<br>Remediated waste sites as identified in the table below | None Identified |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| 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 | | • Complete Remedial Action |
| 400-15 | 400-15, Diesel Fuel Tank Fitting Leak | • Complete Remedial Action | |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| 400-37 | 400-37, Fuel Oil Tank South of 4732-B | | • Complete Remedial Action |
| 400-38 | 400-38, Fuel Oil Tank East of 4722-A | | • Complete Remedial Action |

## C.2.4.4 400 Area Surveillance and Maintenance

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Provide Surveillance and Maintenance on 400 Area Facilities after Shutdown** Maintain assigned waste sites, facilities, structures, operating systems and equipment, and monitoring systems in compliance with applicable directives and regulatory documents until the facilities are dispositioned. Maintain radiological control and access control to the surplus facilities to ensure personnel safety. Surveillance and maintenance will also be conducted on 400 Area general purpose facilities. | The Contractor shall perform surveillance and maintenance on the assigned 400 Area buildings, structures, and waste sites. | None Identified | None Identified |

## C.2.5 600 Area Cleanup Work

## C.2.5.1 600 Area Facility Cleanup

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Disposition 600 Area Facilities** Perform the facility assessment and submit for the lead regulating agency and DOE decision. Perform transition activities (e.g., Flush, isolate and blank process or sub-process systems; remove radioactive and hazardous materials and mixed wastes; deactivate non-essential systems and utilities; remove excess materials and equipment). Achieve the final end state for the facility (e.g. entombment or dismantlement and site restoration) including closure of any TSDs. At the point where all systems and spaces at the facility achieve their respective end state condition, disposition is achieved and the DOE will verify the end state. | **Post Contract Period:** The Contractor shall disposition the assigned 600 Area buildings and structures in compliance with regulator and DOE decisions. | None Identified | None Identified |

| End State Definition | | | |
|---|---|---|---|
| Building Number | Building Description | Contract Period Scope | Post-Contract Period Scope |
| 1901Y | Valve House | | • Complete Transition<br>• Complete Disposition |
| 212N | Storage Building | | • Complete Disposition |
| 212P | Electrical Storage & Transformer Shop | | • Complete Deactivation<br>• Complete Disposition |
| 212R | Storage Building | | • Complete Disposition |
| 213J | Storage Vault | | • Complete Deactivation<br>• Complete Disposition |
| 213K | Sodium Storage Bldg | | • Complete Transition<br>• Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 216E28C | PUREX Cooling Water Line Flow Meter | | • Complete Disposition |
| 216E43A | Pond A at 200 Area TEDF | | • Complete Transition<br>• Complete Disposition |
| 216E43B | Pond B at 200 Area TEDF | | • Complete Transition<br>• Complete Disposition |
| 251W | Primary 230kV Switching Station | | • Complete Transition<br>• Complete Disposition |
| 2901Y | Valve House | | • Complete Transition<br>• Complete Disposition |
| 506B | Telephone Storage Building | | • Complete Transition<br>• Complete Disposition |
| 506BA | Telecommunications Facility North | | • Complete Transition<br>• Complete Disposition |
| 604A | Yakima Barricade Patrol Sentry House | | • Complete Transition<br>• Complete Disposition |
| 604G | WYE Barricade Patrol Utility Building | | • Complete Disposition |
| 604H | Patrol Utility Building | | • Complete Transition<br>• Complete Disposition |
| 607 | Storage Shed | | • Complete Disposition |
| 609 | Central Fire Station - 100 Areas | | • Complete Transition<br>• Complete Disposition |
| 6091 | HAMMER Administration Building | | • Complete Disposition |
| 6092 | HAMMER Training Support Building | | • Complete Disposition |
| 6092A | HAMMER Training Tower | | • Complete Disposition |
| 6092B | HAMMER Burn Structure | | • Complete Disposition |
| 6092C | HAZMAT Pad at HAMMER | | • Complete Disposition |
| 6092D | Above Ground Pipeline Pad at HAMMER | | • Complete Disposition |
| 6092E | 90 Day Storage Pad at HAMMER | | • Complete Disposition |
| 6092F | LPG Tank & Dumpster Burn Pad at HAMMER | | • Complete Disposition |
| 6092G | Flammable Liquids Burn Pad at HAMMER | | • Complete Disposition |
| 6092H | HAMMER Comfort Station | | • Complete Disposition |
| 6092I | HAMMER Pump House | | • Complete Disposition |
| 6092J | HAMMER Fall Protection Pad | | • Complete Disposition |
| 6092K | Waste Tank Prop at HAMMER | | • Complete Disposition |
| 6092L | Buried and Above Ground Tanks at HAMMER | | • Complete Disposition |
| 6092M | Tipped and Upright Railroad Tank Cars at HAMMER | | • Complete Disposition |
| 6092N | LPG Storage Tank at HAMMER | | • Complete Disposition |
| 6092O | Railcar Leak/Fuel Truck Burn/Tanker Trailer Leak at HAMMER | | • Complete Disposition |
| 6092P | HAMMER SCBA Search & Rescue Training Pad | | • Complete Disposition |
| 6092Q | Trench and Utiley Confined Space Prop at HAMMER | | • Complete Disposition |
| 6092R | HAMMER Crane & Rigging Training Pad | | • Complete Disposition |
| 6092S | Department of State port of entry training facility | | • Complete Disposition |
| 6092T | HAMMER Steel Building at EVOC | | • Complete Disposition |
| 6092U | Vehicle Burn Prop at HAMMER | | • Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 609J | HAMMER Storage Building | | • Complete Disposition |
| 609J | Training Support Building (TSB) Annex | | • Complete Disposition |
| 609A | Fire Station - 200 Areas | | • Complete Transition<br>• Complete Disposition |
| 609B | Storage Building | | • Complete Transition<br>• Complete Disposition |
| 609D | Fire Department Training Tower | | • Complete Transition<br>• Complete Disposition |
| 609E | Fire Station Storage Facility | | • Complete Transition<br>• Complete Disposition |
| 609G | Fire Alarm and Testing Office Facility | | • Complete Transition<br>• Complete Disposition |
| 609H | Emergency Vehicle Storage | | • Complete Transition<br>• Complete Disposition |
| 610 | Office And Chlorinator Storage Shelter, Near 609 Bldg | | • Complete Transition<br>• Complete Disposition |
| 613 | Storage Shelter | | • Complete Transition<br>• Complete Disposition |
| 614 | Monitor Station | | • Complete Transition<br>• Complete Disposition |
| 614A1 | Water Sampling Station | | • Complete Transition<br>• Complete Disposition |
| 614B1 | Water Sampling Station | | • Complete Transition<br>• Complete Disposition |
| 621A | Yakima Barricade Emergency Generator Shelter | | • Complete Transition<br>• Complete Disposition |
| 621B | Wye Barricade Emergency Generator Shelter | | • Complete Transition<br>• Complete Disposition |
| 622 | Meteorology Tower | | • Complete Transition<br>• Complete Disposition |
| 6221NA | 6221N Tower Building | | • Complete Transition<br>• Complete Disposition |
| 6223A | 6223 Tower Building | | • Complete Transition<br>• Complete Disposition |
| 6224A | 6224 Tower Building | | • Complete Transition<br>• Complete Disposition |
| 622A | Elevator Control Building | | • Complete Transition<br>• Complete Disposition |
| 622B | Pilot Balloon Release Building | | • Complete Transition<br>• Complete Disposition |
| 622C | Environmental Support Storage Building | | • Complete Transition<br>• Complete Disposition |
| 622D | Environmental Support Storage Building | | • Complete Disposition |
| 622F | Environmental Support Field Office Bldg | | • Complete Deactivation<br>• Complete Disposition |
| 622G | Atmosphere Science Annex | | • Complete Disposition |
| 622R | Meteorology Lab | | • Complete Transition<br>• Complete Disposition |
| 623 | Seismic Relay Building | | • Complete Transition<br>• Complete Disposition |
| 623A | Plant Radio Relay Building | | • Complete Transition<br>• Complete Disposition |
| 623B | Backup Radio Repeater Bldg, Gable Mountain | | • Complete Transition<br>• Complete Disposition |
| 626 | Scale House At ERDF | | • Complete Transition<br>• Complete Disposition |
| 6265 | Utility Building WSCF | | • Complete Transition |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| | | | • Complete Disposition |
| 6265A | WSC Covered Solid Waste Storage Pad | | • Complete Transition<br>• Complete Disposition |
| 6266 | Environmental Support Laboratory | | • Complete Transition<br>• Complete Disposition |
| 6266A | Contaminated Liquid Waste Retention Vault | | • Complete Transition<br>• Complete Disposition |
| 6266B | VAS Pump Bldg | | • Complete Transition<br>• Complete Disposition |
| 6267 | WSCF Cold Sample Archiving Facility | | • Complete Transition<br>• Complete Disposition |
| 6268 | WSCF Sample Equipment Cleaning Facility | | • Complete Transition<br>• Complete Disposition |
| 6269 | WSCF Mobile Laboratory Storage Facility | | • Complete Transition<br>• Complete Disposition |
| 6270 | Environmental Data Remedial Tracking System Facility | | • Complete Transition<br>• Complete Disposition |
| 6290 | Rigging Services Facility | | • Complete Transition<br>• Complete Disposition |
| 6292 | Rigging Loft Storage Building South of 6290 | | • Complete Transition<br>• Complete Disposition |
| 6293 | Crane & Rigging Change Room & Meeting Bldg | | • Complete Transition<br>• Complete Disposition |
| 630 | Plant Microwave Tower/Equipment Facility | | • Complete Transition<br>• Complete Disposition |
| 652 | Sub-station / Riverland | | • Complete Transition<br>• Complete Disposition |
| 6618 Facility | Environmental Restoration Disposal Facility | | • Complete Transition<br>• Complete Disposition |
| 661A | Target Range Control Building | | • Complete Transition<br>• Complete Disposition |
| 662 | Patrol Training Building | | • Complete Transition<br>• Complete Disposition |
| 662A | Patrol Exercise & Training Facility | | • Complete Transition<br>• Complete Disposition |
| 6652C | Space Science Laboratory | | • Complete Transition<br>• Complete Disposition |
| 6652CSHED | Storage Building | | • Complete Transition<br>• Complete Disposition |
| 6652D | Pump House | | • Complete Transition<br>• Complete Disposition |
| 6652DOME2 | PNNL Atmospheric Facility | | • Complete Transition<br>• Complete Disposition |
| 6652E | PNNL Lysimeter Preparation Building | | • Complete Transition<br>• Complete Disposition |
| 6652G | ALE Field Storage Building | | • Complete Transition<br>• Complete Disposition |
| 6652H | ALE Laboratory I | | • Complete Transition<br>• Complete Disposition |
| 6652I | ALE Headquarters | | • Complete Transition<br>• Complete Disposition |
| 6652J | ALE Laboratory II | | • Complete Transition<br>• Complete Disposition |
| 6652K | Pump House | | • Complete Transition<br>• Complete Disposition |
| 6652L | Missile Bunker | | • Complete Transition<br>• Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 6652M | Fallout Laboratory | | • Complete Transition<br>• Complete Disposition |
| 6652O | Storage Building | | • Complete Transition<br>• Complete Disposition |
| 6652PH | Fire Protection Pump House | | • Complete Transition<br>• Complete Disposition |
| 6652R | Acid Storage Shed - Inactive | | • Complete Transition<br>• Complete Disposition |
| 6652T | Fire Protection Lower Pump House | | • Complete Transition<br>• Complete Disposition |
| 6652U | Rattlesnake Mountain Upper Pump House | | • Complete Transition<br>• Complete Disposition |
| 6653 | Sample & Monitoring Building | | • Complete Transition<br>• Complete Disposition |
| 6653A | TEDF Pump Station #3 | | • Complete Transition<br>• Complete Disposition |
| 6654 | AT&T Wireless Services Equip Shelter | | • Complete Transition<br>• Complete Disposition |
| 668 | Instrument Calibration Monitoring Station | | • Complete Transition<br>• Complete Disposition |
| 6701 | WYE Barricade Guard House | | • Complete Transition<br>• Complete Disposition |
| 6701A | Guardhouse WYE Barricade | | • Complete Transition<br>• Complete Disposition |
| 6701B | Rattlesnake Barricade SR240/Beloit Access | | • Complete Transition<br>• Complete Disposition |
| 6701C | Rattlesnake Barricade Off Of 240 | | • Complete Transition<br>• Complete Disposition |
| 671 | Central Landfill Disposal Storage | | • Complete Transition<br>• Complete Disposition |
| 676 | Communications Support Building | | • Complete Transition<br>• Complete Disposition |
| 712 | Records Center Printing and Reproduction Plant | | • Complete Transition<br>• Complete Disposition |
| 712B | IRM Litigation Support Facility | | • Complete Transition<br>• Complete Disposition |
| 748 | Radiosurgery Facility | | • Complete Transition<br>• Complete Disposition |
| MO001 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO002 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO005 | Mobile Office @ Hts Pipeyard | | • Complete Transition<br>• Complete Disposition |
| MO222 | Mobile Office -Gun Cleaning | | • Complete Transition<br>• Complete Disposition |
| MO259 | Mobile Office Classroom at HAMMER | | • Complete Disposition |
| MO260 | Mobile Office at HAMMER | | • Complete Disposition |
| MO261 | Mobile Office at HAMMER | | • Complete Disposition |
| MO280 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO292 | Mobile Office | | • Complete Transition<br>• Complete Disposition |
| MO302 | Mobile Office -Armorer Shop | | • Complete Transition<br>• Complete Disposition |
| MO304 | Mobile Office @ Hts Pipeyard | | • Complete Transition<br>• Complete Disposition |

| End State Definition | | | |
|---|---|---|---|
| **Building Number** | **Building Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| MO315 | Mobile Office -Storage | | • Complete Transition<br>• Complete Disposition |
| MO441 | Sanitary Waster Tank Shelter | | • Complete Transition<br>• Complete Disposition |
| MO502 | Mobil Office – Storage | | • Complete Transition<br>• Complete Disposition |
| MO505 | Mobile Office At Wye Barricade | | • Complete Transition<br>• Complete Disposition |
| MO509 | Mobile Office at 622F Weather Station | | • Complete Transition<br>• Complete Disposition |
| MO702 | Mobile Office @ Hts Pipeyard | | • Complete Transition<br>• Complete Disposition |
| MO998 | Field Trailer Hts Yard | | • Complete Transition<br>• Complete Disposition |
| TS20-6 | Navy Mars Radio Station | | • Complete Transition<br>• Complete Disposition |
| TC66 | 242z Temporary Access | | • Complete Transition<br>• Complete Disposition |
| X7 | Railroad Tools Shed, Outside 200e (Inactive) | | • Complete Transition<br>• Complete Disposition |

| Waste Site Closures | | |
|---|---|---|
| **Site Number** | **Site Description** | **Associated Building Number** |
| 212-N | 212-N, 212-N Building, Metal and Fuel Storage Basin Facility, 212-N Fissile Storage Facility | 212N |
| 212-P | 212-P, 212-P Building PCB Storage Facility, 212-P Storage Facility | 212P |
| 212-R | 212-R, 212-R Storage Facility | 212R |

## C.2.5.2 600 Area Waste Site Cleanup

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Remediate 600 Area Waste Sites**<br>Perform the waste site assessment and submit for the lead regulating agency and DOE decision. Remediate the waste sites in accordance with the approved record of decision (ROD). Submit a cleanup verification package (CVP) for each waste site (or groups of waste sites) to the lead regulator and obtain regulator approval. | The Contractor shall complete assessments for the 618-10 and 618-11 burial grounds.<br><br>**Post Contract Period:**<br>The Contractor shall complete remediation of the assigned 600 Area waste sites in compliance with regulator and DOE decisions.<br><br>**This work scope shall be done in compliance with:**<br>• 53 FR 12449, April 14, 1988, Vol. 53, pp. 12449;, "Disposal of Hanford Defense High-Level, Transuranic, and Tank Waste, Hanford Site, Washington; Record of Decision"<br>• Interim Action ROD for the DOE Hanford 300-FF-2 Operable Unit, April 2001 | CD0059<br>Remediated waste sites as identified in the table below | None Identified |
| | | CD0234<br>M-16-66: Initiate intermediate design and authorization safety analysis for remedial actions at the 618-10 and 618-11 burial grounds.<br>**Due:** 30 September 2004 | None Identified |

| End State Definition | | | |
|---|---|---|---|
| **Waste Site Number** | **Waste Site Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 200-A TEDF | 200-A TEDF, 200 Area Treated Effluent Disposal Facility, TEDF, 600-145, 216-E-43A and 216-E-43B | | • Complete Remedial Action |
| 200-N-3 | 200-N-3, Ballast Pits | | • Complete Remedial Action |
| 216-N-1 | 216-N-1, 212-N Swamp, 216-N-1 Swamp, 216-N-1 Covered Pond | | • Complete Remedial Action |
| 216-N-2 | 216-N-2, 212-N Storage Basin Crib #1, 212-N #1 Trench, 216-N-1 Trench, 216-N-2 Trench | | • Complete Remedial Action |
| 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 | | • Complete Remedial Action |
| 216-N-4 | 216-N-4, 216-N-2, 216-N-4 Swamp, 212-P Swamp | | • Complete Remedial Action |
| 216-N-5 | 216-N-5, 212-P Storage Basin Crib, 212-P Trench, 212-P Grave, 216-N-5 Trench | | • Complete Remedial Action |
| 216-N-6 | 216-N-6, 212-R Swamp, 216-N-6 Swamp | | • Complete Remedial Action |
| 216-N-7 | 216-N-7, 212-R Storage Basin Crib, 212-R Trench, 212-R Grave, 216-N-7 Trench | | • Complete Remedial Action |
| 216-N-8 | 216-N-8, West Lake, West Pond, 216-N-8 Pond, Honeyhill Pond, Seepage Pond | | • Complete Remedial Action |
| 241-EW-151 | 241-EW-151, 241-EW-151 Vent Station Catch Tank, 241-EW-151 Vent Station, Vent Station, 200 Area East-West Vent Station | | • Complete Remedial Action |
| 2607-FSM | 2607-FSM, 609 Building Septic Tank 2607-FSM, 100 Area Fire Station Septic Tank, 1607-FSM, 6607-FSM | | • Complete Remedial Action |
| 2607-FSN | 2607-FSN, 609A Building Septic Tank 2607-FSN | | • Complete Remedial Action |
| 2607-N | 2607-N, 212-N Septic Tank and Tile Field | | • Complete Remedial Action |
| 2607-P | 2607-P, 212-P Septic Tank and Tile Field | | • Complete Remedial Action |
| 2607-R | 2607-R, 212-R Septic Tank and Tile Field | | • Complete Remedial Action |
| 600 CL | 600 CL, 600 Area Central Landfill, Central Landfill, Central Waste Landfill, CWL, Solid Waste Landfill, SWL, 671 | | • Complete Remedial Action |
| 600 NRDWL | 600 NRDWL, 600 Area Nonradioactive Dangerous Waste Landfill, NRDW Landfill, Nonradioactive Dangerous Waste Landfill (Central Landfill), NRDWL | | • Complete Remedial Action |
| 600 OCL | 600 OCL, 600 Area Original Central Landfill, Original CLF | | • Complete Remedial Action |
| 600-146 | 600-146, Steel Structure on Northwest Side of Gable Mountain | | • Complete Remedial Action |
| 600-148 | 600-148, ERDF, Environmental Restoration Disposal Facility | | • Complete Remedial Action |
| 600-151 | 600-151, Dumping Areas 50 yards and 200 yards Downstream of River Mile 14, Military installation NW of 100H Area | • Turned over to another contractor for final disposition | |
| 600-152 | 600-152, Military Septic Tanks | • Turned over to another contractor for final disposition | |
| 600-156 | 600-156, Construction Debris Dump Site | | • Complete Remedial Action |
| 600-187 | 600-187, West Lake Honey Dump Station | | • Complete Remedial Action |
| 600-211 | 600-211, State Approved Land Disposal Site, SALDS, 616A, 616-A | | • Complete Remedial Action |
| 600-212 | 600-212, Relocatable Latrine Facility Holding Tank System | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| 600-214 | 600-214, 600 Area Purgewater Storage and Treatment Facility, MODU-Tanks, 600-PSTF | | • Complete Remedial Action |
| 600-217 | 600-217, H-61-H Anti-Aircraft Artillery Site Sewer System | | • Complete Remedial Action |
| 600-218 | 600-218, H-61-H Anti-Aircraft Artillery Site Dumping Area | | • Complete Remedial Action |
| 600-220 | 600-220, H-51 Anti-Aircraft Artillery Site Dumping Area | | • Complete Remedial Action |
| 600-222 | 600-222, H-60 Gun Site | | • Complete Remedial Action |
| 600-226 | 600-226, Gun Site H-42 Dumping Area | | • Complete Remedial Action |
| 600-227 | 600-227, H-40 Gun Site Building Foundations | | • Complete Remedial Action |
| 600-228 | 600-228, H-40 Gun Site Dumping Area | | • Complete Remedial Action |
| 600-230 | 600-230, RCRA General Inspection 200WFY97 Item #4 Historic Disposal Site | • Turned over to another contractor for final disposition | |
| 600-235 | 600-235, Lead Sheathed Telephone Cables | | • Complete Remedial Action |
| 600-236 | 600-236, Soilcell 607 Site; Petroleum Contaminated Soil | | • Complete Remedial Action |
| 600-243 | 600-243, Petroleum Contaminated Soil Bioremediation Pad, Bioremediation Pad inside Gravel Pit #6 | | • Complete Remedial Action |
| 600-25 | 600-25, Susie Junction | | • Complete Remedial Action |
| 600-256 | 600-256, Atmospheric Dispersion Modeling Towers, Ethylene Glycol Release | | • Complete Remedial Action |
| 600-260 | 600-260, Roped Off Area Near Meteorological Tower | | • Complete Remedial Action |
| 600-261 | 600-261, Standard Gauge Railroad Track, 601 Structures | | • Complete Remedial Action |
| 600-262 | 600-262, West Lake Test Crib | | • Complete Remedial Action |
| 600-272 | 600-272, Petroleum-Contaminated Borehole, Well 699-43-2 | | • Complete Remedial Action |
| 600-275 | 600-275, 218-W-14, Igloo Site, Army Ammo Site, Regulated Storage Area | | • Complete Remedial Action |
| 600-36 | 600-36, Ethel Railroad Siding (Burn Pit) | | • Complete Remedial Action |
| 600-37 | 600-37, Browns Wells, Johnson's Wells | | • Complete Remedial Action |
| 600-38 | 600-38, Railroad Siding Susie, 600-25, Susie Junction | | • Complete Remedial Action |
| 600-40 | 600-40, West of West Lake Dumping Area | | • Complete Remedial Action |
| 600-51 | 600-51, Chemical Dump, Pile of White Powder | | • Complete Remedial Action |
| 600-58 | 600-58, H.J. Ashe Substation Oil/Water Separator & Drywells, BPA SWMU #13 | | • Complete Remedial Action |
| 600-59 | 600-59, H.J. Ashe Substation Storage Area, BPA SWMU #12, Generator Storage Area Sump | | • Complete Remedial Action |
| 600-60 | 600-60, H.J. Ashe Substation Switchyard Facility | | • Complete Remedial Action |
| 600-61 | 600-61, White Bluffs Substation | | • Complete Remedial Action |
| 600-62 | 600-62, Benton Switch Substation Releases | | • Complete Remedial Action |
| 600-63 | 600-63, 300-N Lysimeter Area, Recharge Study Site, Buried Waste Test Facility, Vadose Zone Field Study - 300 North, VZFS300N | | • Complete Remedial Action |
| 600-65 | 600-65, 607 Batch Plant Drum Site | | • Complete Remedial Action |

| End State Definition | | | |
|---|---|---|---|
| Waste Site Number | Waste Site Description | Contract Period Scope | Post-Contract Period Scope |
| 600-66 | 600-66, 607 Batch Plant Orphan Drums | | • Complete Remedial Action |
| 600-70 | 600-70, Solid Waste Management Unit (SWMU) #2 - Miscellaneous Solid Waste | | • Complete Remedial Action |
| 600-71 | 600-71, 607 Batch Plant Burn Pit | | • Complete Remedial Action |
| 618-1 | 618-1, Solid Waste Burial Ground No. 1, 318-1 | • Turned over to another contractor for final disposition | |
| 618-10 | 618-10, 300 North Solid Waste Burial Ground, 318-10 | | • Complete Remedial Action |
| 618-11 | 618-11, Y Burial Ground, 318-11, 300 Wye Burial Ground | | • Complete Remedial Action |
| 622-R ST | 622-R ST, 622-R Septic Tank, 622-R Atmospheric Physics Laboratory Septic Tank | | • Complete Remedial Action |
| 628-2 | 628-2, 100 Area Fire Station Burn Pit | | • Complete Remedial Action |
| 6607-1 | 6607-1, H-40 Gun Site Septic Tank | | • Complete Remedial Action |
| 6607-16 | 6607-16, Septic Tank, Project C-018H, ECN-C018H-040 | | • Complete Remedial Action |
| 6607-2 | 6607-2, Gun Site H-42 Septic Tank | | • Complete Remedial Action |
| 6607-3 | 6607-3, Anti-Aircraft Artillery Site H-51 Septic Tank | | • Complete Remedial Action |
| 6607-5 | 6607-5, 616 Building Septic System | | • Complete Remedial Action |
| 6607-9 | 6607-9, Septic Tank 6607-9 Large On-Site Sewage System, Project W-011H | | • Complete Remedial Action |
| OCSA | OCSA, Old Central Shop Area, Central Shop Area | | • Complete Remedial Action |
| UPR-200-N-1 | UPR-200-N-1, Unplanned Release at the 212-R railroad spur | | • Complete Remedial Action |
| UPR-200-N-2 | UPR-200-N-2, 200-N-2, Unplanned Release near Well Pumphouse No. 2, Well Pumphouse East of 212-R | | • Complete Remedial Action |
| UPR-600-12 | UPR-600-12, UN-600-12, UNH Spill to Route 4S | | • Complete Remedial Action |
| UPR-600-21 | UPR-600-21, Contamination found Northeast of 200 East Area, UN-216-E-31 | | • Complete Remedial Action |
| UPR-600-22 | UPR-600-22, WPPSS Windrow Site, 600-21 | | • Complete Remedial Action |

## C.2.5.3 600 Area Surveillance and Maintenance

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Provide Surveillance and Maintenance on 600 Area Facilities after Shutdown** Maintain assigned waste sites, facilities, structures, operating systems and equipment, and monitoring systems until the facilities are dispositioned. Maintain radiological control and access control to the surplus facilities to ensure personnel safety. | The Contractor shall perform surveillance and maintenance on the assigned 600 Area buildings, structures, and waste sites. | None Identified | None Identified |

## C.2.6 Groundwater Protection

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Manage and Integrate Hanford Site Groundwater Protection**<br>Manage and integrate the Hanford Groundwater Protection efforts by all site contractors, including groundwater monitoring and investigations (characterization, assessment, and technology needs) geophysical logging support services to identify and implement groundwater remedial alternatives, protective measures, and closure. | The Contractor shall manage and integrate site groundwater science and technology requirements, groundwater assessments, groundwater migration modeling, and annual review/summary of 200 Area Performance Assessments. Comply with the Disposal Authorization Statement.<br><br>The Contractor shall manage and integrate human health and ecological assessments and other modeling studies to determine impacts to the regional ecology of Hanford's past and present operations as well as impacts of any specific groundwater cleanup, operational, or closure actions. | CD0060<br>Complete Site-Wide Well Management Plan including assignment of all monitoring wells to the Contractor.<br>**Due:** 30 September 2003 | None Identified |
| | | CD0304<br>Vadose Zone Monitoring Study. Interim Report<br>**Due:** 5 June 2003 | None Identified |
| | | CD0305<br>Vadose Zone Monitoring Study, Final Report<br>**Due:** 31 October 2003 | None Identified |
| **Prevent Further Degradation**<br>Limit and control the migration of contaminants already in the soil and groundwater by reducing natural and artificial recharge. | The Contractor shall initiate actions to eliminate sources of water infiltration contributing to migration of contaminates in the Hanford Site Vadose zone.<br><br>The Contractor shall eliminate inadvertent discharge by U Plant Area water lines.<br><br>**Post Contract Period:**<br>Remaining recharge conditions that contribute to migration of groundwater contamination shall be eliminated. | CD0011<br>Eliminated discharge to U-Plant septic system (2607-W5).<br>**Due:** 30 September 2006 | None Identified |
| | | CD0379<br>12 Central Plateau water system renovations.<br>**Due:** 30 September 2006 | None Identified |
| | | CD0064<br>70 high-risk, high priority Central Plateau wells decommissioned<br>**Due:** 30 September 2005 | None Identified |
| | | CD0380<br>270 (340 cumulative) high priority Central Plateau wells decommissioned<br>**Due:** 30 March 2006 | None Identified |
| | | CD0381<br>180 (520 cumulative) high priority Central Plateau wells decommissioned<br>**Due:** 30 September 2006 | None Identified |
| | | CD0065<br>200 Area Waste Sites run on/run off controls constructed.<br>**Due:** 31 March 2006 | None Identified |
| **Monitor Groundwater**<br>Manage and integrate the site-wide groundwater monitoring program conducted by the groundwater monitoring contractor (PNNL). Prepare DQOs, sampling and analysis plans, waste management plans and other regulatory documentation as needed for existing groundwater operable units where active groundwater remediation is occurring. Perform activities required to maintain or refurbish the wells used to monitor the groundwater in the vicinity of facilities and contaminant sources that could potentially impact groundwater. | The Contractor shall provide technical planning and reporting for groundwater long term monitoring and CERCLA monitoring, and purge water truck support.<br><br>The Contractor shall operate the Modutanks for disposal of extracted groundwater from site well sampling and maintenance activities, and associated groundwater characterization and remediation tasks.<br><br>The Contractor shall submit and obtain approval of regulatory documents to support Modutanks closure activities.<br><br>The Contractor shall upgrade the Effluent Treatment Facilities to accept purge water.<br><br>M-024-57D: Install a cumulative of 30 Wells by 31 December 2004 | CD0066<br>Modutank closure in FY 2005. | None Identified |
| | | CD0067<br>M-24-00N: Install RCRA groundwater monitoring wells at the rate of up to 50 (if required).<br>**Due:** 31 December 2002 | None Identified |
| | | CD0068<br>M-24-00O: Install RCRA groundwater monitoring wells at the rate of up to 50 (if required).<br>**Due:** 31 December 2003 | None Identified |
| | | CD0239<br>M-24-56: Two additional wells installed at SST waste management area TX-TY; | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | M-024-57G: Install a cumulative of 45 Wells by 31 December 2005 | location 1: well installed down gradient (perimeter) between well 299-W 14-6 and 299-W 14-14. location 2: well installed approximately 180 ft south of well W-15-22. **Due:** 31 December 2002 | |
| | | CD0355 Integrated groundwater monitoring system (cumulative 60 wells as identified in TPA M-024-57) **Due:** 31 December 2005 | None Identified |
| **Remediate Hanford Site Groundwater** Implement groundwater remediation actions resulting from interim and final Records Of Decision and Action Memorandum.<br><br>Remediate soil vapor at 200-ZP-2 (PW-1) Operable Unit to reduce carbon tetrachloride concentration in the vadose zone. | The Contractor shall implement groundwater remedial actions in accordance with approved records of decision (e.g., pump and treat).<br><br>The Contractor shall install and begin operation of temporary vapor extraction system in Trench T-04 in the 218-W-4C Burial Ground.<br><br>The Contractor shall install and operate Temporary Vapor Extraction System at 218-W-3A Burial Ground prior to TRU retrieval.<br><br>**This work scope shall be done in compliance with:**<br>• 200-ZP-1 Interim Action Declaration of the ROD<br>• Action Memorandum: Expedited Response Proposal for 200 West Carbon Tetrachloride Plume (200-ZP-2 Action Memorandum)<br>• Interim Action ROD for the 200-UP-1 Operable Unit<br>• Interim Action ROD for the DOE Hanford 100-HR-3 and 100-KR-4 Operable Units<br>• Interim Action ROD for the DOE Hanford 100-NR-1 and 100-NR-2 Operable Units | CD0071 100 HR-3 H Area remedial action objectives attained. **Due:** 31 March 2006 | None Identified |
| | | CD0072 200-UP-1 remedial action objectives attained. **Due:** 31 March 2006 | None Identified |
| | | CD0382 100 HR-3 H Area extraction well power source removed. **Due:** 30 September 2006 | None Identified |
| | | CD0383 200-UP-1 extraction well power source removed. **Due:** 30 September 2006 | None Identified |
| | | CD0073 Complete baseline efforts for delineation of DNAPL sources associated with the Carbon Tetrachloride plume in 200 West (ZP-1). **Due:** 30 September 2004 | None Identified |
| | | CD0074 Prepare EPA CERCLA 5 year review for all active and no action groundwater operable units. **Due:** 30 May 2005 | None Identified |
| | | CD0075 Complete RI/FS proposed plans for UP-1. **Due:** 30 May 2006 | None Identified |
| | | CD0232 M-16-27C: Completed 100-HR-3 PHASE III, ISRM barrier emplacement, planning, well installation, and barrier emplacement. **Due:** 30 June 2003 | None Identified |
| | | CD0233 M-16-28A: Connection well 199-K-126 to the 100-KR-4 pump and treat extraction system. **Due:** 15 January 2003 | None Identified |
| | | CD0384 100-NR-2 extraction well power source removed **Due:** 30 March 2006 | None Identified |
| | | CD0385 100-NR-2 300 foot sequestration barrier installed | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | | **Due:** 30 September 2006 | |
| | | CD0386<br>100 HR-3D 100-D pump and treat system compliant with DOE approved capture zone analysis<br>**Due:** 31 March 2006 | None Identified |
| | | CD0387<br>200-ZP-1 pump and treat system compliant with DOE approved capture zone analysis<br>**Due:** 31 March 2006 | None Identified |
| | | CD0316<br>218-W-4C Burial Ground Trench T-4 Temporary vapor extraction system (M91-40P).<br>**Due:** 15 November 2003 | None Identified |

| End State Definition | | | |
|---|---|---|---|
| **Waste Site Number** | **Waste Site Description** | **Contract Period Scope** | **Post-Contract Period Scope** |
| 100-BC-5 | 100-BC-5 OU | | • Complete Remedial Action |
| 100-FR-3 | 100-FR-3 OU | | • Complete Remedial Action |
| 100-HR-3 | 100-HR-3 OU | | • Complete Remedial Action |
| 100-KR-4 | 100-KR-4 OU | | • Complete Remedial Action |
| 100-NR-2 | 100-NR-2 OU | | • Complete Remedial Action |
| 200-BP-5 | 200-BP-5 OU | | • Complete Remedial Action |
| 200-PO-1 | 200-PO-1 OU | | • Complete Remedial Action |
| 200-UP-1 | 200-UP-1 OU | | • Complete Remedial Action |
| 200-ZP-1 | 200-ZP-1 OU | | • Complete Remedial Action |
| 300-FF-5 | 300-FF-5 OU | | • Complete Remedial Action |

# C.3 Waste and SNF Management Operations

## C.3.1 Canister Storage Building (CSB)

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Consolidate Site-Wide Spent Nuclear Fuel for Interim Storage**<br>Manage and coordinate the movement of all Hanford SNF for interim storage in the 200 Area. | The Contractor shall prepare all of the Hanford Site SNF, as defined in Hanford Spent Fuel Inventory Baseline, WHC-SD-SNF-TI-001, (except irradiated fuel material classified otherwise by formal direction from RL) for interim onsite storage.<br><br>Non-Defense Production Reactor Spent Fuel shall be consolidated and stored in the Central Plateau.<br><br>The Contractor shall store non-defense production reactor spent fuels NRF TRIGA fuel from the 400 Area in the 200 Interim Storage Area.<br><br>Non-defense production reactor spent fuels from FFTF shall be stored in the 200 Interim Storage Area.<br><br>RINM removed from the 200 West Area Low-Level Burial Grounds shall be stored in the 200 Interim Storage Area.<br><br>**This work scope shall be done in compliance with:**<br>• CRD M 474.1-1, "Manual for Control and Accountability of Nuclear Materials"<br>• CRD O 460.2, Chg 1, "Departmental Materials Transportation & Packaging Management"<br>• SNF-4894, "Spent Nuclear Fuel Project Acceptance Criteria for LWR Spent Fuel Storage System"<br>• WHC-SD-SNF-TI-001, "Hanford Spent Fuel Inventory Baseline" | None Identified | None Identified |
| **Maintain Safe & Compliant CSB Operations**<br>Operate and maintain the Canister Storage Building within the authorization envelope. Sufficient technical and operational personnel shall be provided and trained to perform operational and maintenance activities and to maintain baseline documentation. Prepare and package waste streams for disposition as required and dispose as appropriate. Maintain radiological control and access control to ensure personnel safety. | The Contractor shall facilitate safe and cost effective installation of facility modifications necessary for receipt and storage of HLW.<br><br>**Post-Contract Period:**<br>The CSB shall perform operational and maintenance activities required to support handling and storage of IHLW.<br><br>The CSB shall perform operational activities required to support the preparation and packaging of the MCOs and HLW canisters for transportation to the Monitored Geologic Repository (MGR) for their ultimate disposition.<br><br>**This work scope shall be done in compliance with:**<br>• 61 FR 10736, March 15, 1996, Doc. 96-6291<br>• CRD O 470.1, Chg 1 (Supp Rev 1), "Safeguards and Security Program Requirements" | CD0076<br>Spent Nuclear Fuel Project Update to Final Safety Analysis Report (SAR) Including Hazard Analysis Data (Annual)<br><br>CD0388<br>Safeguards and Security waivers for the CSB | None Identified<br><br>GF0116<br>Approved Safeguards and Security waivers for the CSB as follows: 1) protected area, 2) secondary alarm station, and 3) material control and accountability associated with the storage of Category I special nuclear materials within 90 days of submittal. |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | • DOE/EA-1185, "Management of Hanford Site Non-Defense Production Reactor Spent Fuel"<br>• HNF-5356, "Spent Nuclear Fuel Project Authorization Agreement" | | |
| **Modify CSB to Receive IHLW For Storage**<br>Receive immobilized high-level waste (IHLW) from the Waste Treatment Plant for interim storage.<br><br>Specifically Excluded Scope:<br>Costs associated with the design, installation, acceptance, and project management of modifications to the CSB necessary for receipt of HLW are presently not included within the CSB operational baseline. | The CSB shall be modified to receive, inspect, place into interim storage, and monitor IHLW. CSB staff shall ensure that all modifications are accomplished within DOE guidance and direction provided for operation of a Hazard Category 2 Nuclear Facility. | CD0077<br>Modified CSB in sufficient time to support WTP operation milestones<br>(Due: TBD) | None Identified |
| **Receive Shippingport SNF**<br>Receive Shippingport SNF transferred from storage at T-Plant. | Shippingport Pressurized Water Reactor Core 2 Spent Nuclear Fuel shall be consolidated and interim stored in the Central Plateau.<br><br>**This work scope shall be done in compliance with:**<br>• CRD O 460.2, Chg 1, "Departmental Materials Transportation & Packaging Management"<br>• SNF-7199, "Shippingport PWR Core 2 Blanket Fuel Assemblies Acceptance Criteria" | CD0078<br>Shippingport fuel stored in CSB<br>(Due: TBD) | None Identified |
| **Receive Defense Production Reactor Spent Nuclear Fuel**<br>Receive MCOs containing K Basin SNF. | The CSB operations shall receive, inspect, weld, and place into storage multi-canister over packs (MCO) containing K Basin SNF. (Excluding the final welding of MCOs designated in the MCO Monitoring Plan, SNF-5536, for long-term monitoring).<br><br>**This work scope shall be done in compliance with:**<br>• CRD O 460.2, Chg 1, "Departmental Materials Transportation & Packaging Management"<br>• HNF-5356, " Spent Nuclear Fuel Project Authorization Agreement "<br>• HNF-SD-SNF-OCD-001, Rev. 6, "Spent Nuclear Fuel Project Product Specification" | CD0079<br>MCOs containing K Basin SNF and Shippingport Spent Fuel Containers stored in the CSB, welded, and in final configuration ready for transfer to the national geologic repository | None Identified |
| **Store and Monitor SNF and IHLW**<br>Monitor and ensure safe interim storage of SNF and IHLW until all stored materials are appropriately dispositioned. | | None Identified | None Identified |
| **Disposition IHLW**<br>Prepare and load out stored IHLW for transport by others to the national repository for final disposition. | **Post Contract Period:**<br>The Contractor shall establish interface controls for transport of IHLW canisters to the repository. Retrieve IHLW canisters from the CSB storage tubes, package and load on transport vehicle, and transport waste package in accordance with established interface controls.<br><br>**This work scope shall be done in compliance with:**<br>• DOE/RW-0351 Rev 3, "Waste Acceptance System Requirements Document, E00000000-00811-1708-0001 REV 03" | None Identified | None Identified |
| **Disposition SNF Stored in the CSB**<br>Prepare and load out stored SNF for transport by others to the national repository for final disposition. | **Post Contract Period:**<br>The Contractor shall establish interface controls for transport of SNF canisters to the repository.<br><br>**This work scope shall be done in compliance with:** | None Identified | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | • CRD O 460.2, Chg 1, "Departmental Materials Transportation & Packaging Management"<br>• DOE/RW-0351 Rev 3, "Waste Acceptance System Requirements Document, E00000000-00811-1708-0001 REV 03" | | |
| **Maintain Safe & Compliant 200 Area ISA Facility Operations**<br>Operate and maintain the 200 Area ISA within the authorization envelope. Sufficient technical and operational personnel shall be provided and trained to perform operational and maintenance activities and to maintain baseline documentation. Prepare and package waste streams for disposition as required and dispose as appropriate. Maintain radiological control and access control to ensure personnel safety. | **This work scope shall be done in compliance with:**<br>• 61 FR 10736, March 15, 1996, Doc. 96-6291<br>• HNF-5356, " Spent Nuclear Fuel Project Authorization Agreement " | None Identified | None Identified |
| **Disposition SNF Stored in the 200 Area ISA**<br>Prepare, stage, load out, and transport site-wide SNF stored at the 200 Area ISA to final disposition. | Na bonded FFTF Spent Nuclear Fuel shall be shipped to Argonne West (Idaho). This fuel shall be removed from the 200 ISA, and moved into the CSB where it will be transferred into transportation casks prior to shipment to Idaho.<br><br>**Post Contract Period:**<br>Materials stored at the 200 ISA shall be either directly transferred to disposition or relocated to a temporary location for packaging prior to shipment for final disposition.<br><br>**This work scope shall be done in compliance with:**<br>• CRD O 460.2, Chg 1, "Departmental Materials Transportation & Packaging Management" | None Identified | None Identified |

## C.3.2 Central Waste Complex (CWC)

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Maintain Safe & Compliant Central Waste Complex Facility Operations**<br>Operate and maintain the Central Waste Complex structures, operating systems and equipment, and monitoring systems within the authorization envelope. Prepare and package waste streams for disposition as required and dispose as appropriate. Maintain radiological control and access control to ensure personnel safety. | The Central Waste Complex shall remain a contamination free facility. | CD0080<br>Authorization Agreement for CWC and LLBG (review and update yearly) | None Identified |
| **Receive and Store Radioactive Solid Wastes**<br>Store existing quantities of low-level waste, mixed low-level waste, and TRU waste, including retrieved suspect TRU waste. Receive and store newly generated waste from Hanford Site generators and from off site generators approved by RL. | Low-level and mixed low-level waste that does not meet the Hanford Site Solid Waste Acceptance Criteria, HNF-EP-0063, for disposal shall be stored at the CWC.<br><br>Newly generated waste shall be confirmed to be in compliance with the Hanford Site Solid Waste Acceptance Criteria, HNF-EP-0063.<br><br>Mixed waste shall be treated each year to meet LDR criteria.<br><br>Store newly generated transuranic waste after WIPP closes until a determination is made on | None Identified | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | disposition of transuranic waste after WIPP closure. | | |

## C.3.3 Waste Receiving and Processing Facility (WRAP)

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Maintain Safe & Compliant WRAP Facility Operations**<br>Operate and maintain the WRAP structures, operating systems and equipment, and monitoring systems within the authorization envelope. Prepare and package waste streams for disposition as required and dispose as appropriate. Maintain radiological control and access control to ensure personnel safety. | **This work scope shall be done in compliance with:**<br>• 03-ABD-0022, "The Waste Receiving and Processing (WRAP) Facility Authorization Agreement (AA)" | CD0081<br>Authorization Agreement for WRAP (review and update yearly) | None Identified |
| **Perform WRAP TRU Processing**<br>Process CH TRU/TRUM waste received in drums and standard waste boxes for disposal at WIPP. Perform NDE/NDA and visual inspection. As necessary, repackage low-level waste (LLW), mixed low-level waste (MLLW), transuranic waste (TRU), and TRU mixed waste (TRUM). Verify LLW and send to the burial grounds for disposal. Segregate MLLW and send to storage, treatment, or disposal, as appropriate. Verify/certify TRU and TRUM waste for shipment to the Waste Isolation Pilot Project (WIPP). | Contact Handled TRU in drums shall be certified (and processed as needed) to meet WIPP requirements.<br><br>Contact Handled TRU in standard waste boxes shall be certified (and processed as needed) to meet WIPP requirements.<br><br>**This work scope shall be done in compliance with:**<br>• DOE/WIPP-02-3122, Rev. 0.1, "Contact-Handled Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant" | None Identified | None Identified |
| **Disposition Transuranic Waste from WRAP Processing to WIPP**<br>Load TRU waste packages into appropriate transport containers for shipment to WIPP. | TRU waste that has been processed shall be shipped to WIPP.<br><br>TRU shipments shall be complete upon departure of the TRUPACT's from the Hanford Site.<br><br>TRU waste shall be transported to WIPP in containers certified by the Nuclear Regulatory Commission, as required by the WIPP Land Withdrawal Act.<br><br>**This work scope shall be done in compliance with:**<br>• DOE/WIPP-02-3122, Rev. 0.1, "Contact-Handled Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant" | CD0083<br>256 cubic meters of TRU waste shipped to WIPP<br>**Due:** 30 September 2006 | None Identified |
| | | CD0389<br>2400 cubic meters (cumulative) of TRU waste shipped to WIPP<br>**Due:** 31 March 2006 | None Identified |
| | | CD0390<br>2900 cubic meters (cumulative) of TRU waste shipped to WIPP<br>**Due:** 30 September 2006 | None Identified |
| | | None Identified | GF0065<br>TRUPACT shipping casks, trailers, drivers, TRUPACT spare parts to perform an average of 8 shipments per month in FY 2004 with a maximum of 16 and an average of 18 shipments per month in FY 2005 and FY 2006 with a maximum of 24. |

## C.3.4 T-Plant

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Operate and Maintain the T-Plant Facility**<br>Operate and maintain the T Plant structures, operating systems and equipment, and monitoring systems within the authorization envelope. | Preparations to provide M-91 treatment capabilities at T Plant shall be initiated, including clearing stored equipment from the canyon deck. | CD0084<br>Authorization Agreement for T Plant (review and update yearly) | None Identified |
| | | CD0391 | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| Maintain T Plant Complex capabilities to support Hanford decontamination needs, waste storage, repackaging and verification, TRU characterization (headspace gas sampling), and waste treatment activities. | Oversized packages requiring special processing shall be processed.<br><br>TRU waste processed at T Plant shall be shipped to WIPP.<br><br>**This work scope shall be done in compliance with:**<br>• DOE/WIPP-02-3122, Rev. 0.1, "Contact-Handled Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant"<br>•02-ABD-0139, " Approval of the T Plant Authorization Agreement (AA) Annual Update " | M-016-093: Workplan for preparation of TRU/TRUM waste.<br>Due: 30 September 2006 | |
| **Remove Shippingport Fuel from T Plant**<br>Retrieve, package, and ship Shippingport Reactor Fuel from T Plant to the Canister Storage Building. | Pending transfer to the Canister Storage Building, Shippingport Pressurized Water Reactor Core 2 Spent Nuclear Fuel shall be stored at T Plant.<br><br>Spent fuels from the T-Plant shall be consolidated in the 200 Area for interim storage pending national decisions on their ultimate disposition.<br><br>The Contractor shall operate fuel removal systems to remove Shippingport Fuel from T-Plant pool cell. | None Identified | None Identified |

## C.3.5 Reserved

## C.3.6 Liquid Effluent Retention Facility (LERF)

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Maintain Safe & Compliant Liquid Effluent Retention Facility Operations**<br>Operate and maintain the Liquid Effluent Retention Facility (LERF) structures, operating systems and equipment, and monitoring systems in compliance with applicable directives and regulatory documents. Prepare and package waste streams for disposition as required and dispose as appropriate. Maintain radiological control and access control to ensure personnel safety. | | None Identified | None Identified |
| **Store Liquid Effluents in the LERF**<br>Collect and store liquid effluents in the LERF for subsequent treatment in the ETF. | | None Identified | None Identified |

## C.3.7 200 Area Effluent Treatment Facility (ETF)

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Maintain Safe & Compliant 200 Area Effluent Treatment Facility Operations**<br>Operate and maintain the 200 Area Effluent Treatment Facility (ETF) structures, operating systems and equipment, and monitoring systems in compliance with applicable directives and regulatory | The Contractor shall prepare for submittal to the US Environmental Protection Agency and the Washington Department of Ecology an evaluation of the development status of tritium treatment technology that would be pertinent to the cleanup and management of tritiated wastewater. | CD0244<br>M-26-07A : Evaluation of development status of tritium treatment technology that would be pertinent to the cleanup and management of tritiated waste water<br>**Due:** 1 March 2004 | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| documents. Prepare and package waste streams for disposition as required and dispose as appropriate. Maintain radiological control and access control to ensure personnel safety. | | CD0315<br>ST 4500 and ST 4502 Discharge Monitoring Reports for the 200 Area Effluent Treatment and Treated Effluent Disposal Facilities (Quarterly) | None Identified |
| **Treat Liquid Effluents in the ETF**<br>Treat liquid effluents in the ETF by removing or destroying contaminants sufficient to meet discharge requirements. | The Contractor shall operate the ETF to support groundwater pump and treat operations. | None Identified | None Identified |
| **Dispose of Liquid Effluents Treated by the ETF**<br>Dispose liquid effluents treated by the ETF that meet discharge requirements to the 200 West Area SALDS. Provide holdup of treated effluent in storage tanks to allow verification that the effluent has been treated to acceptable levels prior to discharge. | Constituents not identified in the permit are subject to the limits in WAC 173-200, Water Quality Standards for Ground Waters of the State of Washington, and 4 percent of the derived concentration guide values in DOE Order 5400.5, Radiation Protection of the Public and Environment, as applicable. | None Identified | None Identified |

## C.3.8 200 Area Treated Effluent Disposal Facility (TEDF)

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Maintain Safe & Compliant 200 Area TEDF Operations**<br>Operate and maintain the 200 Area TEDF structures, operating systems and equipment, and monitoring systems in compliance with applicable directives and regulatory documents. Prepare and package waste streams for disposition as required and dispose as appropriate. Maintain radiological control and access control to ensure personnel safety. | | None Identified | None Identified |
| **Receive Liquid Effluents in the 200 Area TEDF**<br>Collect and dispose liquid effluents that meet discharge requirements for the 200 Area State Approved Land Disposal Site, from generators in the 200 Areas. | The 200 TEDF shall be operated to meet 200 Area radiological industrial wastewater disposal needs. | None Identified | None Identified |

## C.3.9 300 Area Treated Effluent Disposal Facility (TEDF)

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Maintain Safe & Compliant 300 Area TEDF Operations**<br>Operate and maintain the 300 Area TEDF, structures, operating systems and equipment, and monitoring systems in compliance with applicable directives and regulatory documents. Prepare and package waste streams for disposition as required and dispose as appropriate. Maintain radiological control and access control to ensure personnel safety. | The 310 TEDF shall be maintained as a non-radiological facility. | CD0108<br>Submittal of Department of Natural Resources Land Lease Monitoring Report (Monthly) | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Treat and Dispose Liquid Effluents in the 300 Area TEDF**<br>Treat liquid effluents in the 300 Area TEDF by removing or destroying contaminants sufficient to meet discharge requirements, and dispose treated waste water to the Columbia River. | Liquid effluent from the 300 Area shall be collected, treated and disposed at the 300 Area TEDF. | None Identified | None Identified |

## C.3.10 Low-Level Waste Burial Grounds (LLBG)

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Maintain Safe & Compliant LLW Burial Ground Operations**<br>Operate and maintain the LLW Burial Grounds within the authorization envelope. | Reactor Irradiated Nuclear Material (RINM) in the 200 West Area Low-Level Burial Grounds (LLBG) shall be managed as transuranic waste.<br><br>Post 1970 suspect TRU waste containers in the LLBG shall be managed in retrievable storage in the LLBG.<br><br>Baseline forecasted volume (SWIFT Report 2002.1) of DOE titled Low-Level Waste shall be disposed.<br><br>Disposal of Greater than Category 3 Low-Level Waste shall be evaluated on a case-by-case basis.<br><br>**This work scope shall be done in compliance with:**<br>• 02-ABD-0120, " Approval of the Central Waste Complex (CWC) and Low Level Burial Ground (LLBG) Authorization Agreement Annual Updates" | None Identified | None Identified |
| **Remove RINM from LLBG**<br>Procure, install, and operate systems and equipment to retrieve RINM from the LLBG to prepare for transfer to the 200 Area Interim Storage Area. | **Post Contract Period:**<br>Drums of suspect RINM shall be retrieved from the LLBG. | None Identified | None Identified |
| **Retrieve Suspect TRU from LLBG**<br>Retrieve suspect post 1970 TRU containers from retrievable storage in the LLBG. | The Contractor shall retrieve buried suspect TRU starting no later than 15 November 2003 in burial ground 218-W-4C. "Retrieve" means removal from the LLBG or, for waste designated in accordance with WAC 173-303-070 through 100 as non-mixed, placed in an appropriate storage or disposal facility (which could include not removing it, but disposing of it in the LLBG)<br><br>M-91-40M shall designate all contact handled retrievably stored waste pursuant to WAC 173-303-070 through 100 within 90 days of retrieval.<br><br>The Contractor shall start retrieval of burial ground 218-W-4C Trench 4 by 15 January 2004.<br><br>The Contractor shall complete Trench 4 retrieval by 31 December 2006.<br><br>The Contractor shall start vapor extraction in 218-W-4C Trench 4 by 15 November 2003.<br><br>The Contractor shall prepare a Buried TRU Waste Disposition Plan following the "Hanford Federal Facility Agreement and | CD0392<br>160 cubic meters of suspect TRU retrieved | None Identified |
| | | CD0393<br>3200 cubic meters (cumulative) of suspect TRU retrieved<br>**Due:** 31 March 2006 | None Identified |
| | | CD0394<br>4200 cubic meters (cumulative) of suspect TRU retrieved<br>**Due:** 30 September 2006 | None Identified |
| | | CD0395<br>Test dig in Burial Ground 218-E-12B completed<br>**Due:** 30 September 2005 | None Identified |
| | | CD0089<br>Buried TRU Waste Disposition Plan<br>**Due:** 1 December 2003 | None Identified |
| | | CD0396<br>Test dig in Burial Ground 218-W-3A completed<br>**Due:** 31 March 2006 | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | Consent Order* (TPA) provisions for RCRA/CERCLA integration and coordination.<br><br>M-91-40B: Retrieve 1200 cubic meters of CH-RSW (cumulative) by 31 December 2004.<br><br>M-91-40C: Retrieve 2700 cubic meters of CH-RSW (cumulative) by 31 December 2005.<br><br>M-91-40D: Retrieve 4700 cubic meters of CH-RSW (cumulative) by 31 December 2006. | | |

## C.3.11 Mixed Waste Disposal Trenches (MWDT)

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Maintain Safe & Compliant Mixed Waste Disposal Trench Operations**<br>Operate and maintain the mixed waste disposal trenches in compliance with applicable directives and regulatory documents. | Baseline forecasted volume (SWIFT Report 2002.1) of DOE titled mixed waste shall be disposed.<br><br>All newly generated mixed low-level waste shall be disposed within one year of treatment.<br><br>M-91-42A: Treat 1630 cubic meters of CH MLLW (cumulative) by 31 December 2004.<br><br>M-91-42B: Treat 3260 cubic meters of CH MLLW (cumulative) by 31 December 2005.<br><br>M-91-42A: Treat 4890 cubic meters of CH MLLW (cumulative) by 31 December 2006.<br>M-091-45 Submit annual RH/CH and Large Container progress report to Ecology beginning 30 September 2004.<br><br>**This work scope shall be done in compliance with:**<br>• 61 FR 41956, August 9, 1996, Doc. 96-20237 | CD0397<br>2544 cubic meters of MLLW treated or disposed. | None Identified |
| | | CD0398<br>4480 cubic meters (cumulative) of MLLW treated or disposed.<br>**Due:** 31 March 2006 | None Identified |
| | | CD0399<br>5600 cubic meters (cumulative) of MLLW treated or disposed.<br>**Due:** 30 September 2006 | None Identified |
| | | CD0400<br>RH/CH and Large Container progress report (Annual) | None Identified |

# C.4 Infrastructure and Services

## C.4.1 Infrastructure Key Areas Beyond FY 2006

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Infrastructure Key Areas Beyond FY 2006**<br>The Contractor shall identify facilities, equipment, and systems currently evaluated by CAS and valued at greater than $25,000 required for cleanup in 2012, and keep those assigned to the Contractor in a minimally acceptable condition at the end of fiscal year (FY) 2006. The Contractor shall institute a condition-based maintenance, major repair, and replacement program to achieve the minimum acceptable condition through FY 2006. The scope is generally the facilities, equipment, and systems for the following key areas:<br><br>Utilities<br>· Electrical<br>· Water<br>· Sewer and Septic<br><br>Roads & Grounds<br>· Roads<br>· Grounds<br><br>Major Equipment<br>· Cranes<br>· Heavy Equipment<br><br>The Contractor shall determine the current assigned Contractor assets valued at greater than $25,000 not needed to support cleanup in 2012 and decommission/abandon them and determine which assets can be removed from service as cleanup events are accomplished to reduce the active infrastructure and related costs. The Contractor shall institute a maintenance program that allows "run to failure" without compromising safety, health, environmental compliance, and cleanup milestones.<br><br>The condition of nuclear facilities that provide site services such as waste management facilities will be maintained and assessed in accordance with the authorization basis process. | The Contractor shall develop and maintain a list of Contractor assigned assets valued at greater than $25,000 required in 2012 to support cleanup.<br><br>The Contractor shall use a Contractor-wide rating system to annually assess the condition of 25% of the facilities and personal property assets. This system shall contain these categories:<br>· Excellent (1) - New or lightly used that can be used without repairs,<br>· Usable (4) - Shows some wear, but can be used with normal maintenance,<br>· Minor Repairs (5) - Facilities/Systems: Up to 25% of replacement value, Equipment: Up to 10% of replacement value. These repairs will normally be accomplished routinely,<br>· Major Repairs (7) - Facilities/Systems: 26-60% of replacement value, Equipment: 11-40% of replacement value,<br>· Replace (X) - Required for cleanup, but repair or rehabilitation is impractical and/or uneconomical, requiring replacement, and<br>· Disposition (D) - Not required for cleanup.<br><br>The Contractor shall use an evaluation system based on the Condition Assessment Survey (CAS) approach to determine asset condition, needed major repairs or replacement, and for follow-on assessments to determine change in condition. The CAS approach focused on assets needed for cleanup in 2012 and the definitions above shall be used to provide periodic evaluations of the condition of facilities, equipment, and systems. The following shall be used as criteria for the minimum acceptable asset condition for those assets at the end of FY 2006: (A) Meets intended purposes, including safety, health, environmental compliance, and mission needs. (B) A majority of elements with evaluation ratings in Category (1) - Excellent, Category (4) - Usable, and Category (5) - Minor Repairs. (C) For elements rated Category (7) - Major Repairs and Category (X) - Replace, a planned repair/replacement cycle to meet intended purposes, over multiple fiscal years. (D) For elements rated Category (D) - Disposition, not required for cleanup. | CD0094<br>List of Contractor assigned assets valued at greater than $25,000 required in 2012 to support cleanup.<br>**Due:** 30 March 2003 | None Identified |
| | | CD0095<br>Infrastructure Ratings for Key Areas (Semi-Annual) | None Identified |

## C.4.2 Infrastructure Services

The Contractor shall provide the following services that may be used by all site contractors. Services used by others will be per documented agreements containing provisions requiring 90-day notice of any change in the amount of services required of, or that can be provided by, the Contractor.

The Contractor shall provide the requisite managerial ability and technical expertise to provide infrastructure services that support the site mission requirements. The Contractor shall participate on the Site Financial Board.

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Analytical Sample Analysis**<br>Provide a full range of organic, inorganic, and radiochemical analytical capabilities. Support site programs and projects at the Waste Sampling and Characterization Facility (WSCF) with the analysis of process control accredited environmental and accredited industrial hygiene, environmental, and industrial hygiene samples with low radioactivity levels. Operate and maintain the WSCF in compliance with applicable directives and regulatory documents. | The Contractor shall maintain laboratory accreditation for the WSCF Lab.<br><br>The Contractor shall provide a full range of organic, inorganic, and low level radiochemical analytical capabilities. | None Identified | None Identified |
| **Asset Disposition (Investment Recovery Operations)**<br>Provide receipt and disposition services for personal property assets no longer required in support of the Hanford Site mission. Provide processes and support services for DOE mandated donations/transfers (i.e., School Gift Program, Energy Related Lab Equipment Program, Economic Development, etc.) | The Contractor shall provide receipt and disposition services for personal property assets no longer required in support of the Hanford Site Mission.<br><br>The Contractor shall support asset transfers from the Site to potential customers via the Tri-Cities Asset Reinvestment Corporation (TARC). | CD0096<br>Personal Property Furnished to Non-Federal Recipients Report (Annual)<br><br>CD0097<br>Utilization and Disposal of Excess & Surplus Personal Property Report (Annual) | None Identified<br><br>None Identified |
| **Badging**<br>Process and account for permanent security badges and the Hanford Site temporary (self-expiring) security badge program for employees, contractors, visitors, vendors and others for access to Site contractors and facilities. Issue badges for foreign nationals and verify security clearance levels for cleared visitors from other DOE sites. Manage the DOE and Hanford Site badging system - Personnel Security Clearance Reports Plus (PSCR+). | The Contractor shall manage the DOE and Hanford Site badging system - PSCR+. | None Identified | None Identified |
| **Biological Control Program**<br>Provide a biological control program that is systematically integrated with environmental, safety, health and quality principles across the Contractor Projects, and with other Hanford Prime Contractors. This includes the control of noxious weeds, industrial weeds, other vegetation, and animal pests for the purposes of protecting employees, the public, and Site cultural and environmental (including biological) resources. | The Contractor shall provide a biological control program to control noxious weeds, industrial weeds, other vegetation, and animal pests. | None Identified | None Identified |
| **Calibration Services**<br>Provide for the calibration of non-radiological Measuring and Test Equipment (M&TE) that requires calibration to meet quality, safety or compliance requirements. Provide In Situ calibration services. Does not include the calibration of Radio Services' | The Contractor shall provide for the calibration of non-radiological Measuring and Test Equipment (M&TE). | None Identified | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| instruments that are used to "tune" radio controllers, and occupational radiation instruments and repair. | | | |
| **Centralized Consolidated Recycling Center (CCRC)**<br>Operate and maintain the CCRC. The following materials are aggregated for recycling at CCRC: aerosol products; mercury and mercury containing equipment; universal waste lamps and batteries; crushed fluorescent lamps; lead-acid batteries; electric ballasts or capacitors; used shop towels; used oil, and spent antifreeze.<br><br>Minimize hazardous waste disposal through reuse of chemicals and/or recycling performed by off site vendors. | | None Identified | None Identified |
| **Classified Document Management**<br>Provide document control and management services for active and inactive classified material generated or received by DOE and Hanford contractors. Includes receiving classified matter, assigning control numbers, maintaining the classified document tracking system, copy distribution, record copy retention and retrieval, providing pickup and delivery service, destruction, and conducting inventories. | The Contractor shall provide document control and management services for active and inactive classified material generated or received by DOE and Hanford contractors. | None Identified | None Identified |
| **Courier Services**<br>Provide support for priority/emergency documents and materials including, but not limited to, payroll, cost accounting and accounts payable data. Provide support to the medical aid stations in transporting serum blood samples, medical supplies and x-rays, pickup and delivery of instruments being calibrated, transport of new and used office machines as well as machines to and from repair facilities, and pickup and shredding of classified documents. | The Contractor shall provide pickup, delivery, and destruction support for priority/emergency documents and materials. | None Identified | None Identified |
| **Crane and Rigging**<br>Provide management, administrative, and planning and scheduling support for movable cranes and Crane and Rigging Services operations. Coordinate rental and movement of cranes ranging from 9 to 250 ton capacity. Support preventive maintenance inspections and schedule necessary repairs. Provide technical support and guidance in the procurement of hoisting and rigging equipment. Perform critical lift planning (develop alternative and innovative methods for lifting and scaffolding tasks). Supervise crane crews, riggers (performing complex rigging, ironwork, and scaffold erection and dismantling), crane operators, and drivers (performing heavy hauling and forklift operations). | The Contractor shall provide:<br>· Operations of movable cranes;<br>· Critical lift planning;<br>· Complex rigging, ironwork, and scaffold erection and dismantling; and<br>· Heavy hauling and forklift operations. | None Identified | None Identified |
| **Desktop Services**<br>Provide a single point of contact for technical support for software and hardware via e-mail, web, or telephone. Provide dispatch for problems that cannot be resolved by help desk staff. Provide for computer maintenance, software, computer network, business machine repair, computer support, redeployment of computer hardware, | The Contractor shall provide technical support for PC software and hardware. | None Identified | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| integration, desk side software support, PC procurement support, PC and related peripheral maintenance, moves/adds/changes, installation of new standard and nationalized PCs and related peripherals and related services. | | | |
| **Emergency Preparedness** - Support the Occurrence Reporting process. | | CD0401 Performance Analyses and Identification of Recurring Occurrences (Quarterly) | None Identified |
| **Engineering Drawing Management** Manage an engineering drawing repository and provide associated services to DOE and all Hanford contractors. Maintain the Hanford drawing accountability system, assignment of unique drawing identification numbers for new drawings, maintenance and storage services for original site drawings and drawing aperture cards for site distribution and record capture, and maintenance of custody control and drawing checkout to authorized personnel for revision. | The Contractor shall manage an engineering drawing repository and provide associated services. | None Identified | None Identified |
| **Fabrication Services** Provide fabricated parts, components, and equipment of a routine, prototypical, production or emergency nature meeting specified QA/QC standards. Provide welder qualification and weld procedure programs for HAMTC work; procurement, maintenance, handling and disposal of hazardous materials used in support of fabrication services; and facility support to the 272W and 277W buildings housing fabrication services. Does not include the fabrication of incidental construction parts, equipment, and aids on a field level maintenance basis. | The Contractor shall provide fabricated parts, components, and equipment of a routine, prototypical, or production nature. | None Identified | None Identified |
| **Fire Department** Provide a full range of emergency services for DOE Assets. These services include incident management, fire suppression, fire systems testing, fire prevention, technical rescue, emergency medical service and patient transport, and hazardous materials and chemical/biological/radiological emergency response. Deal with and terminate emergency situations that could threaten the operations, employees, the general public, or interest of the U. S. Department of Energy-operated Hanford Site. Respond to surrounding fire departments/districts under mutual aid and state mobilization agreements and fire fighting; hazardous materials. Provide site fire marshal overview authority, building tours and inspections, ignitable and reactive waste site inspections, pre-fire planning, hazardous chemical inventory updates, and employee fire prevention education.<br><br>EXCLUSION: No liability will be accepted nor will any services be provided to BNI/WTP with the exception of those services covered under either: 1) an authorized RFS accepted by FH, or 2) an FH accepted task order from BNI or a contract release from CH2M Hill Hanford Group. | The Contractor shall provide emergency services including incident management, fire suppression, fire systems testing and maintenance, fire prevention, technical rescue, emergency medical service and patient transport, and hazardous materials and chemical/biological/radiological emergency response.<br><br>The Contractor shall respond to surrounding fire departments/districts under mutual aid and state mobilization agreements.<br><br>The Contractor shall provide Site fire marshal overview authority. | CD0099 Summary of Fire and Other Property Damage Experience/Report (Annual or as required) | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Fire Systems Maintenance**<br>Provide corrective and preventive maintenance (includes deactivation/reactivation services) and functional tests on fire life safety protection systems, including all components of these systems, and maintain factory certification for all brands of systems. | The Contractor shall provide corrective and preventive maintenance and functional tests on fire life safety protection systems. | None Identified | None Identified |
| **Fleet Maintenance**<br>Provide management, maintenance, and repair of GSA vehicles/equipment and Fleet vehicles/equipment with property numbers beginning with the letters "HO". Provide engineering support, technical procedures, control of suspect/counterfeit fasteners, equipment modification control and facility safety (OSHA), fuel costing and invoicing, fuel delivery to areas not accessible to on-site fueling stations, and commercial equipment rental contracts. | The Contractor shall provide maintenance and repair of GSA and HO coded vehicles/equipment.<br><br>The Contractor shall provide fuel delivery services to areas not accessible to on-site fueling stations. | CD0101<br>Federal Automotive Statistical Tool (FAST) Report (Annual) | None Identified |
| | | CD0102<br>OMB Circular A-11 Exhibit 33 Agency Motor Vehicle Fleet Report (Annual) | None Identified |
| **Forms Management**<br>Administer a forms management system and process, and design electronic forms for interactive use as well as conventional hard copy forms. Develop/design/revise electronic and hard copy forms, eliminate obsolete or duplicate forms, maintain forms historical records, and maintain a system for centralized configuration management of electronic and conventional hard copy forms. | | None Identified | None Identified |
| **Grounds Maintenance**<br>Provide maintenance of common grounds and grounds directly associated with Site Occupancy Pool facilities. Includes perimeter fence maintenance, lawn and landscape care, annual inspection of facilities, management and maintenance of gravel pits, parking lot and sidewalk cleanup, washing down facilities, signage, and general area cleanup. Provide surveillance and maintenance to ensure the safety and environmental integrity of the 200, 300 and 600 Landlord Areas. Provide radiological surveillance and monitoring of the road system, 600 Area cleanup sites and within the 200 and 300 Landlord Areas; environmental inspections, monitoring and assistance; annual high and low-water riverbank inspection to ensure environmental integrity; and support to spill responses to assure environmental safety. | The Contractor shall provide grounds maintenance for 712, north Federal Building parking lot and grass strips in parking area, section of lawn across from 703, and west Federal Building parking lot (shared with City of Richland).<br><br>The Contractor shall provide grounds maintenance for the 400 Area outside the limited area.<br><br>The Contractor shall provide grounds maintenance for M0 404 Radio Maintenance and 2355 parking lot. | None Identified | None Identified |
| **Hanford Employee Welfare Trust Benefits/Human Resources**<br>Provide administration for various medical, dental, disability, other insurances, pension and savings plans to the employees of several site contractors. | | None Identified | None Identified |
| **Hanford Environmental Information Databases**<br>Provide data management services for three environmental databases: the Hanford Environmental Information System, the Hanford Geographical Information System, and the Waste Information Data System. | | None Identified | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Hanford Local Area Network (HLAN) Operation, Maintenance and Integration**<br>Provide for the engineering, operation and maintenance of the Hanford Local Area Network (HLAN) infrastructure. Provide Network Administration, coordinate HLAN Intranet and Internet website configuration control and standards, Network Operations Center (NOC), UNIX/NT/WIN2000 SQL/WEB server administration, file server backup and recovery, E-Mail Administration and Support, Internet Support, dial-up and VPN Remote Access Services, Maintenance and Software Management, Technology Support for Hardware and Software, maintain virus protection software, electronic distribution and deployment of software applications running in the HLAN environment, and testing and evaluation of new computer and information technologies. HLAN network services include Network Management and Network Maintenance. | | None Identified | None Identified |
| **Hanford Patrol**<br>Provide security services to the Hanford Site (including those of PNNL, but excluding the WTP construction site. Once construction of the WTP is complete, Hanford Patrol will provide protective force service for the WTP), and respond to alarms and other emergencies/incidents 24 hours a day, seven days a week. Provide qualified Security Police Officers II and III for protection of Site targets, government assets, and access control at Site Barricades. Provide the certified explosive detection K-9 and Search Teams. Mutual aid of K-9 or law enforcement backup support units may be made available on a non-mission interference basis to local, regional, state, and federal police agencies and to school systems in response to threats of violence. Provide 911 dispatch and emergency communications, and operate Washington State "ASSESS" law enforcement computer systems, and dispatch of the Benton County Sheriffs Office on the Hanford Site. Provide the mandated minimum number of responders as stipulated in the Site Safeguards and Security Plan (SSSP) to maintain protection for Site facilities. Provide alarm and duress monitoring for Hanford Site alarmed facilities as required. Provide in-region tracking for radioactive shipments and single point of contact for all outbound Hanford-related radioactive/hazardous material shipments. Provide crash phone, siren, and traffic and crowd control during emergencies. Provide access control, conduct badge checks, issue temporary badges, and search for prohibited articles. These provided services must interface directly with DOE-RL, and in the event of an emergency involving the Site Safeguards and Security forces, DOE-RL may assume command and control of the forces and the event, if the Emergency Operations Center is activated. | The Contractor shall provide security services to the Hanford Site.<br><br>The Contractor shall provide qualified staff for protection of site targets, government assets and access control.<br><br>The Contractor shall provide the certified explosive detection.<br><br>The Contractor shall provide 911 dispatch and emergency communications.<br><br>The Contractor shall implement the Site Safeguards and Security Plan (SSSP).<br><br>The Contractor shall provide in-region tracking for radioactive shipments.<br><br>The Contractor shall provide crash phone, siren, and traffic and crowd control.<br><br>The Contractor shall provide access control. | None Identified | None Identified |
| **Industrial Hygiene Laboratory**<br>Calibrate and repair various monitoring equipment used by safety and industrial hygiene for evaluating worker protection. | | None Identified | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| Provide evaluations of equipment and technical assistance to support projects with specific sampling process needs. | | | |
| **Information Resource Management (IRM)**<br>Manage, operate and maintain site applications and services that support Hanford, including the following:<br><br>· Hanford PeopleCore database--the central, integrated source of key Hanford site personnel and facility data for nearly 130 site applications.<br><br>· Hanford Identification Number (HID) system--the central source for the generation of new HID numbers and for the maintenance of all HID numbers assigned<br><br>· Hanford Information System Inventory (HISI)--the central repository for the registration of applications/systems.<br><br>· Software configuration tools--A centralized repository for software and documentation used<br><br>· Hanford PopFon--the site-wide telephone directory utility program, which provides users of the Hanford Local Area Network (HLAN) with the capability to look-up telephone and organizational information pertaining to active employees on the Hanford Site. | The Contractor shall manage, operate and maintain existing Site applications and services. | None Identified | None Identified |
| **Infrastructure Reliability**<br>Provide essential replacements, renovations, and upgrades to the water system, sewer system, electrical distribution system, transportation system, telecommunications system, emergency services system (Fire Department, and Emergency Operations Center), and General Purpose Facilities, including contracting and project management functions. Provide capital equipment replacements (e.g., emergency response vehicles, cranes, or other equipment that exceeds thresholds for expense funding, currently $25,000) for non-project specific, Contractor provided service and general infrastructure mission activities. | | None Identified | None Identified |
| **Land Management (day-to-day)**<br>Support RL for implementing the controls described in Chapter 6 of the "Final Hanford Comprehensive Land Use Plan Environmental Impact Statement".<br><br>Support RL for use, outgrants (easements, licenses, permits, leases) and disposal of real property, conveyance documents, boundary determination, title searches, appraisals, NEPA reviews, characterization assessments, site selection and excavation permit reviews and approvals, and facility preparation. | The Contractor shall assist RL with land use determinations. | None Identified | GF0088<br>Transfer real property as identified - Due annually until final transfer or as needed |
| **Locksmith Services**<br>Provides locksmith support for the installation, replacement and maintenance of locks, keys and access control systems for the protection of SNM, nuclear materials, classified matter and government property. | | None Identified | None Identified |
| **Mail** | | None Identified | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| Provide delivery and pickup of interplant and U.S. Postal mail; maintenance of the mail stop identification number (MSIN); obtain and maintain receipts on accountable mail (registered, certified, priority and insured); and address services for mail distribution. | | | |
| **Mapping Services**<br>Provide general and business-specific Hanford Site maps. Specific data systems supported include Hanford Geographical Information System/WIDS, E911, Electrical Utilities, Environmental Permitting, Telecommunications mapping, and others. Provide and maintain geographically defined data sets of the Hanford Site. Provide copies of standard maps and the Hanford Site Data Sets on request. Provide custom maps. | | None Identified | None Identified |
| **Micrographics**<br>Manage the Hanford micrographics operations and provide services for the conversion of records to microfilm, including both 35mm and 16mm formats. Convert engineering drawings to 35mm silver and diazo microfilm aperture cards for record and daily-use purposes. | | None Identified | None Identified |
| **Occupancy Pool - Government Owned/Leased Facilities**<br>Provide management, maintenance, and custodial services for government-owned (office space, mobile structures, and other general purpose facilities), commercial and GSA leases for general-purpose facilities (office, training spaces, etc.) that can be used to house programs/contractors. Occupancy Pool includes facilities as approved by DOE RL and ORP. | | None Identified | None Identified |
| **Paging Services**<br>Provide pager services including engineering, maintenance, operation radio spectrum licensing, and other related services for the on site, Government-owned Hanford Site pager infrastructure. Provide administration of the regional paging contract and the national paging contract. | The Contractor shall provide pager services. | None Identified | None Identified |
| **Post-Closure Transition**<br>Support RL in preparing for post-closure transition. | The Contractor shall provide up to one half FTE labor support and $150K in subcontract support for Post-Closure Transition. | None Identified | None Identified |
| **Property System Management**<br>Provide for the maintenance and operations of the Site Property Management System (SAMS), and the integrated reporting of the DOE-owned property located on the Hanford Site. Support to the Waste Treatment Plant Contractor and PNNL is not included. | The Contractor shall provide for the maintenance and operations of the Site property management system.<br><br>The Contractor shall collect the volumetric printing/duplicating information and load it into the electronic media for the annual JCP Report and the annual report on copying activities to OSTI. | CD0113<br>Activities Generating Precious Metals/Report (Annual) | None Identified |
| | | CD0402<br>Precious Metals Forecast Report (annual) | None Identified |
| | | CD0111<br>Physical Inventory Report (Annual) | None Identified |
| **Radio Services**<br>Provide engineering, maintenance and operations for radio communication services including two-way, fire dispatch, safety and emergency preparedness, and security systems and infrastructure services including spectrum licensing and management and National Telecommunications and | The Contractor shall provide radio communications services. | None Identified | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| Information Administration (NTIA) registration of radio frequencies. | | | |
| **Records Management**<br>Manage the vital records program, provide records restoration, and records/document management systems. | The Contractor shall provide records management services for government records. | None Identified | None Identified |
| **Records Storage**<br>Provide long-term records storage services for government records generated by DOE and Hanford contractors. Includes receipt of boxed records for inactive retention, processing for storage, search and retrieval for use, and eventual disposition. Administer the local records holding area storage facility and associated systems, and maintenance of the interface with the Federal Records Center in Seattle for effective inventory management. | The Contractor shall provide long-term records storage services for government records. | None Identified | None Identified |
| **Refrigerated Equipment Services (RES)**<br>Provide corrective and preventive maintenance of government owned refrigeration / heating equipment (including Refrigerant Gas removal from deactivated equipment). Maintain documentation as required by the EPA. Operate arepository for refrigerant gases. | The Contractor shall provide corrective and preventive maintenance of government owned refrigeration / heating equipment.<br><br>The Contractor shall maintain and operate a refrigerant gases repository. | None Identified | None Identified |
| **Respiratory Protection**<br>Provide factory certified maintenance, inspection, and testing for all self contained breathing apparatus, breathing air carts, and powered air-purifying respirators. | | None Identified | None Identified |
| **Road Services**<br>Provide accident and spill cleanup, grading and sweeping of roads and shoulders, removal of road debris, minor road maintenance including crack sealing, patching, minor paving of potholes, road striping, and snow removal from primary and secondary roads. Establish snow removal priorities each season. | The Contractor shall maintain site roads with the exceptions of Route 2S from the Wye barricade to Route 11A and Route 11A from Route 2S to gate 810 until September 30, 2007, when the roads will transfer from ORP back to RL. | None Identified | None Identified |
| **Safeguards & Security**<br>Provide for the protection of SAS interests involving the use, identification, processing, possession, receipt, shipment, storage and disposition of special nuclear material (SNM), classified and sensitive matter, and protection of personnel and government property. Integrate security operations on the Hanford Site.<br><br>Provide Program Planning and Administration: (e.g., Vulnerability Assessments, Safeguards and Security Plans, SAS Strategic Plans, technical analysis/security upgrade cost estimates, and special studies to ensure cost-effective SAS applications); Protection Program Management (Physical Security, Security Systems, Badging); Information Security (protect classified and unclassified sensitive information generated, processed, and stored on the Hanford Site from loss, damage, and unauthorized disclosure; provide operational and enhancement support of the Richland Clearance Information Management System (RCIMS); and integrate Operations Security, | | CD0403<br>Cybersecurity Program Plan Update (Bi-Annual) | None Identified |
| | | CD0114<br>Nuclear Material Accountability Transaction Data Report (Monthly) | None Identified |
| | | CD0115<br>Nuclear Material Balance Report (Monthly) | None Identified |
| | | CD0118<br>Operations Security (OPSEC) Program Status Report (Annual) | None Identified |
| | | CD0121<br>Patrol Contingency Plan (Annual) | None Identified |
| | | CD0122<br>Protective Force Strength Report (Quarterly) | None Identified |
| | | CD0120<br>Quarterly Category of Ending Inventory Report | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| Classified Information Systems Security, Classified Matter Protection and Control, the Classification Office, Unclassified Cyber Security, Telecommunications Security, Technical Surveillance countermeasures, and the Foreign National Visits and Assignments Program); and Safeguards/Material Control and Accountability, Security Awareness, and Personnel Security.<br><br>Provide technical expertise and emergency response personnel and equipment for the mitigation and joint Incident Command and control with site security forces for the control of any weapons of mass destruction (WMD) and chemical/biological weapons (CBW) incidents affecting the interest of the US Government. | | CD0119<br>Quarterly Classification Officers Report | None Identified |
| | | CD0117<br>Site Safeguards and Security Plan - (as required) | None Identified |
| | | CD0116<br>Status Report on DOE Findings (Quarterly) | None Identified |
| **Sanitary Waste Disposal**<br>Provide for the collection and disposal of sanitary solid waste from the Hanford Site and for the disposal of non-radioactive non-dangerous drummed waste, medical waste, and asbestos waste. Monitor and maintain the closed Hanford Solid Waste Landfill including periodic inspections, soil gas monitoring and leachate management and monitoring. Operate the inert landfill at Pit 9 and administer contracts for disposal of solid waste, asbestos, medical waste, and drummed non-hazardous waste. | The Contractor shall dispose of sanitary solid waste, non-radioactive, non-dangerous drummed waste, medical waste, and asbestos waste. | CD0123<br>Solid Waste Landfill Monitoring Report (Annual) | None Identified |
| **Solid Waste Storage and Disposal**<br>Provide disposal of low-level waste (excludes operation of the Environmental Restoration Disposal Facility); designation and shipment of hazardous waste; manage the off site treatment, storage and disposal facility contracts; identity classified solid waste and properly segregate; provide product determinations; manage orphan wastes; store mixed and transuranic wastes. Segregated classified wastes should be put in an unclassified configuration prior to disposal off site. | The Contractor shall dispose of baseline volumes of LLW and RMW (MLLW), as defined in the SWIFT 2002.1 Report, from DOE and DOD generators as approved by RL.<br><br>The Contractor shall support waste treatment/storage/disposal requests from generators approved by RL.<br><br>The Contractor shall manage orphan wastes, and store mixed and transuranic wastes.<br><br>The Contractor shall designate and ship hazardous waste. Hazardous waste leaving the Hanford Site for disposal must follow RL approved radiological moratorium limits.<br><br>The Contractor shall maintain the Solid Waste and Liquid Waste Acceptance Criteria. Modifications of the Solid Waste Acceptance Criteria shall be concurred upon by RL.<br><br>The Contractor shall maintain the Solid Waste Forecast. The Solid Waste Forecast shall be maintained in an internet accessible basis.<br><br>**Post Contract Period:**<br>Non-regulated LLW, stored in the CWC, that does not meet the Hanford Site Solid Waste | CD0124<br>Waste Management Hanford Project Update to Final Safety Analysis Report (SAR) (Including Hazard Analysis Data) | None Identified |
| | | CD0240<br>M-26-01M: Annual Hanford land disposal restrictions report to cover the period from 1-1 of the previous year through 12-31 of the reporting year.<br>**Due:** 30 April 2003 | None Identified |
| | | CD0241<br>M-26-01N: Annual Hanford land disposal restrictions report to cover the period from 1-1 of the previous year through 12-31 of the reporting year.<br>**Due:** 30 April 2004 | None Identified |
| | | CD0242<br>M-26-01O: Annual Hanford land disposal restrictions report to cover the period from 1-1 of the previous year through 12-31 of the reporting year.<br>**Due:** 30 April 2005 | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | Acceptance Criteria for disposal, shall be treated as capability becomes available. | CD0243<br>M-26-01P: Annual Hanford land disposal restrictions report to cover the period from 1-1 of the previous year through 12-31 of the reporting year.<br>**Due:** 30 April 2006 | None Identified |
| **Telecommunication Service**<br>Provide engineering, operation and maintenance of the Hanford Site Telephone Exchange services (voice, data, special circuits, 911 support, FTS and commercial long-distance features, and attendant/operator services) including inside plant and outside plant wiring, transport (backbone) systems, switching equipment, infrastructure, and associated equipment. | The Contractor shall provide engineering, operation and maintenance of the Hanford Site Telephone Exchange services. | None Identified | None Identified |
| **Tours**<br>Conduct road tours of the Hanford Site for large groups of internal and external stakeholders that require buses for transportation. | The Contractor shall provide transportation for large tour groups. | None Identified | None Identified |
| **Traffic Engineering**<br>Provide technical direction for traffic control related issues as they apply to the Hanford roads. | The Contractor shall provide technical direction for traffic control as they apply to the Hanford roads. | None Identified | None Identified |
| **Traffic Manager**<br>- Serve as the Site Traffic Manager by coordinating on site and off site shipments, including hazardous materials.<br>- Serve as the agent for the Government as designated shipper for the site.<br>- Manage overnight small package delivery.<br>- Manage export/ import/ services with U.S. Customs and freight rate negotiations with carriers.<br>- Relocate household goods for personnel related to the work performed by the Contractor and subcontractors under this contract.<br>- Manage inbound and outbound freight including, but not limited to, LTL, TL, and Air. | The Contractor shall:<br><br>- Serve as the Site Traffic Manager by coordinating on site and off site shipments, including hazardous materials.<br>- Serve as the agent for the Government as designated shipper for the site.<br>- Manage overnight small package delivery.<br>- Manage export/ import/ services with U.S. Customs and freight rate negotiations with carriers.<br>- Relocate household goods for personnel related to the work performed by the Contractor and subcontractors under this contract.<br>- Manage inbound and outbound freight including, but not limited to, LTL, TL, and Air. | None Identified | None Identified |
| **Transportation and Packaging**<br>Provide technical support for the Hanford Site for on site and off site transportation and packaging of hazardous materials and hazardous wastes, including those that are classified as radioactive. | The contractor shall maintain DOE/RL-2001-0036, Hanford Sitewide Transportation Safety Document.<br><br>**This work scope shall be done in compliance with:**<br>- DOE/RL-2001-0036, REV. 0-A, "Hanford Sitewide Transportation Safety Document." | None Identified | None Identified |
| **Tri-Party Agreement/Site Administrative Record/Public Information Repositories**<br>Receive and manage the documents generated as a result of permitting or closure of Hanford treatment, storage, or disposal units (TSD) or Operable Units or expedited response action (ERA) that are required by the Tri-Party Agreement (TPA) and other legal requirements, such as RCRA and CERCLA, to be maintained in the Hanford Site Administrative Record (AR) File and Public Information Repositories (PIR). Support review process for determining documents to be included in the AR, manage files, retrieve records, and make records | The Contractor shall manage documents that are required by the Tri-Party Agreement (TPA) and other legal requirements. | CD0404<br>M-035-00: Complete Data Management Enhancements as negotiated and approved in M-35-00 Interim Milestones.<br>Due: 31 March 2006 | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| available to the public, including maintaining the four Public Information Repositories (PIRs) in the Pacific Northwest. | | | |
| **Utilities Operations and Maintenance–Electrical Utilities**<br>Provide for the safe and reliable operation of the Hanford Site electrical transmission and distribution (T&D) system in the 100, 200, 300, and 600 Areas. Interface with the Bonneville Power Administration (BPA) to ensure that electrical power and transmission related needs are met. Use meter reading and BPA cost allocation to determine customer billing. | The Contractor shall operate the Hanford Site electrical transmission and distribution (T&D) system.<br><br>The Contractor shall collect the necessary electrical load forecast information from all Hanford Site contractors.<br><br>The Contractor shall provide Load Shift Reports to BPA and RL as required.<br><br>The Contractor shall provide RL with the monthly breakdown (by contractor) of the BPA power and transmission billing. | CD0125<br>Hanford Site 10-Year Load Forecast (Annual) | None Identified |
| **Utilities Operations and Maintenance–Sewer Utilities**<br>Provide for the safe and reliable operation of assigned sanitary sewer systems including Subsurface Absorption Systems (SSAS), temporary holding tanks, distribution piping and a lagoon treatment plant. | The Contractor shall operate assigned sanitary sewer systems.<br><br>The Contractor shall provide RL with the 300 Area sanitary sewer radiological analysis results on a monthly basis. | CD0126<br>Inspection Record Reports (Sewer System O&M Activities to DOH) (Annual) | None Identified |
| | | CD0128<br>Quarterly Discharge Monitoring Reports (Lagoon Activities/Discharges) | None Identified |
| | | CD0127<br>Review/Review of Lagoon Operations & Maintenance Manual U1-0-16.01 (Annual) | None Identified |
| **Utilities Operations and Maintenance–Water Compliance and Sampling**<br>Maintain a drinking water program that includes source, production, distribution, monitoring, and cross-connection control programs in accordance with federal drinking water laws and the Site applicable Washington Administrative Code (WAC). | The Contractor shall maintain a drinking water program for the Hanford Site. | CD0286<br>Lead and Copper Monitoring Report (Tri-Yearly) | None Identified |
| | | CD0129<br>Quarterly Cross-Connection Control Master Deficiency List/Report | None Identified |
| | | CD0300<br>200E, 200W, 300, 400 Area Drinking Water Report (Monthly) | None Identified |
| **Utilities Operations and Maintenance–Water Utilities**<br>Provide for the safe and reliable operation and maintenance of the 100, 200, 300, and 600 Area water treatment and distribution systems and facilities on the Hanford site. | The Contractor shall operate and maintain water treatment and distribution systems and facilities on the Hanford site. | CD0130<br>Water Facility Inventory Report Forms (Annual) | None Identified |

# C.5 Other Work Scope

This Contract contains other work scope not solely associated with site cleanup, waste and SNF management operations, or site services. Work scope described in this section is necessary for the successful accomplishment of the Contract. It includes ESH&Q support and Emergency Management and Preparedness for Contract activities and assigned facilities. It includes Contractor Project Management activities and products. It also includes support provided directly to RL and request-for-service activities.

## C.5.1 Environment, Safety, Health and Quality Assurance (ESH&Q)

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Environmental Protection**<br>Provide an environmental compliance program that includes preparation/coordination of regulatory required site-wide environmental reports, permits, permit applications; addressing/tracking of regulator issues; performance of near-field monitoring; providing technical support for TPA compliance and regulatory analysis; and managing of chemicals. Ensure compliance with applicable environmental laws and regulations. | The Contractor shall manage assigned facilities and operable units to assure compliance with environmental permits, requirements, and agreements.<br><br>The Contractor shall provide legally and regulatory required environmental monitoring of near facility, air, and liquid effluents.<br><br>The Contractor shall collect, compile, and integrate environmental monitoring data from operations and activities under its control and from other Hanford Site Contractors. This data will be used in preparation of mandatory state and federal environmental reports for the Hanford Site.<br><br>The Contractor shall provide management of chemicals in accordance with DOE orders and directives.<br><br>The Contractor shall provide technical support to manage the Tri-Party Agreement.<br><br>The Contractor shall evaluate the impacts of new environmental laws and regulations and provide an assessment of the cost of implementation.<br><br>The Contractor shall compare the monitoring data with regulatory and/or permit standards and provide reports to the other contractors for their use in assessing compliance with the standards. The data shall also be compiled, collated, and/or consolidated, as necessary, into the mandatory State and Federal environmental reports for the Hanford Site.<br><br>The Contractor shall provide appropriate environmental data for its facilities and operable units to support Hanford Site assessments and preparation for the Hanford Site Environmental Report.<br><br>The Contractor shall prepare, maintain and comply with Hanford site-wide environmental requirements and permits, as directed by RL. This includes site-wide regulatory analysis, reports and assessments associated with the Hanford environmental | CD0155<br>Annual BCAA Asbestos Notification of Intent | None Identified |
| | | CD0139<br>Annual Environmental Release Report | None Identified |
| | | CD0153<br>Annual Noncompliance Report | None Identified |
| | | CD0150<br>Annual Nonradioactive Airborne Emissions Reports | None Identified |
| | | CD0156<br>Annual Permitting Status Report | None Identified |
| | | CD0164<br>Annual Radionuclide Air Emissions Report | None Identified |
| | | CD0142<br>AOP Annual Compliance Certification Report | None Identified |
| | | CD0159<br>Class V Underground Injection Control Well Registration (As required) | None Identified |
| | | CD0145<br>Closure/Post-Closure Cost Estimate (Annual) | None Identified |
| | | CD0160<br>Environmental Monitoring Plan (EMP) to PNNL (every three years) | None Identified |
| | | CD0146<br>EPCRA Section 312 Tier Two Emergency and Hazardous Chemical Inventory Report (Annual) | None Identified |
| | | CD0158<br>EPCRA Section 313 TRI Report (Annual) | None Identified |
| | | CD0151<br>Hanford AOP Semi-Annual Report | None Identified |
| | | CD0157<br>Hanford Site Annual Dangerous Waste Reports | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | program.<br><br>The Contractor shall provide technical support to manage the Hanford site-wide permits and assist in resolving regulatory agency enforcement actions. | CD0141<br>Hanford Site Annual PCB Document Log | None Identified |
| | | CD0163<br>Hanford Site Annual PCB Report | None Identified |
| | | CD0236<br>M-20-00A: Part B Permit applications or closure/post closure plans for all RCRA TSD Units except 216-A-10, 216-A-36B, 216-A-37-1, 207-A South Retention Basin, 216-S-10 Pond, 216-S-10 Ditch, 241-CX-70, 241-CX-71, AND 241-CX-72.<br>**Due:** 28 February 2004 | None Identified |
| | | CD0288<br>National Pollutant Discharge Elimination System Discharge Monitoring Report (Monthly) | None Identified |
| | | CD0154<br>Quarterly RCRA Permit Class 1 Modification Notification | None Identified |
| | | CD0148<br>RCRA Pipe Mapping and Marking Report | None Identified |
| | | CD0143<br>RCRA Section 3016 Report (Biennial) | None Identified |
| | | CD0144<br>ST 4508 Log of Significant Discharges (Annual) | None Identified |
| | | CD0152<br>PTRAEU & HVU Annual Report | None Identified |
| | | CD0147<br>Quarterly NESHAP Status Report | None Identified |
| | | CD0161<br>Underground Storage Tank Master License Renewal Application (Annual) | None Identified |
| **Integrated Safety Management System**<br>Maintain a single project wide ISM system. | | CD0132<br>Annual Performance Objectives, Measures, and Commitments Report | GF0089<br>Approve updates to the Annual Performance Objectives, Measures, and Commitments Report within 30 days of submittal |
| **Nuclear Safety**<br>Maintain a Nuclear Safety Program that includes criticality safety and nuclear facility safety. | Readiness determinations for restart of nuclear activities and for start-up of new nuclear activities shall be performed to demonstrate readiness to safely start the activity. | CD0137<br>Project Hanford - FY200X Criticality Safety Self Assessment Report (Annual) | None Identified |
| | | CD0293<br>Quarterly Update of the Startup Notification Report for Fluor Hanford Managed Facilities | GF0117<br>Approve quarterly updates of the Startup Notification Report within 30 days of submittal |
| | | CD0182<br>Unreviewed Safety Question Summary Report for each FH managed category 1,2, and 3 nuclear facilities (Annual) | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Occupational Safety & Health**<br>Maintain an Occupational Safety and Health Program. | The Contractor shall meet all occupational safety and health requirements (including but not limited to industrial safety, fire protection, construction safety, firearms safety, explosive safety, industrial hygiene, pressure safety and motor vehicle safety) for all site-related operations and conditions.<br><br>The Contractor shall provide Material Safety Data Sheet management services for the PHMC, CHG, RL, and AMH.<br><br>The Contractor shall provide technical interface with the Site Occupational Medical Contractor for occupational health services. | CD0134<br>Computerized Accident/Incident Reporting System (CAIRS) [Form DOE F 5484.3] for each new or revised Recordable injury, illness, vehicle accident, and property damage incident (Quarterly) | None Identified |
| | | CD0306<br>DOE F 5484.4 Form, Tabulation of Work-Hours, Vehicle Usage, and Property Valuations (Quarterly) | None Identified |
| | | CD0307<br>Part B of DOE F 5484.4 Form, Tabulation of Work Hours, Vehicle Usage and Property Valuations (Annual) | None Identified |
| **Quality Assurance**<br>Maintain a Quality Assurance Program. | | CD0136<br>Update to the approved Quality Assurance Program Description (QAPD) (Annual) | GF0090<br>Approve updates to the Quality Assurance Program Description within 30 days of submittal |
| **Radiation Protection**<br>Maintain an environmental and occupational radiation protection program. | | CD0138<br>Radiation Protection Program Plan (Tri-Annual review and update) | GF0092<br>Approve or provide comments on Authorized Limit request within 60 days of receipt. |

## C.5.2 Emergency Management/Preparedness

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Emergency Management/Preparedness**<br>Provide an emergency response capability for assigned facilities that implements the Hanford Emergency Management Plan, DOE/RL-94-02. | | None Identified | None Identified |

## C.5.3 Management Products and Controls

This section describes the management products and controls required during the Contract period.

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Accounting System**<br>Maintain a contractor accounting system. | The Contractor's accounting system must have the electronic capability to generate and transmit by acceptable mode, the periodic detailed accounting information, at a minimum monthly and at year-end, to the DOE's Primary Accounting System for reporting financial activity under this contract in accordance with DOE requirements and the DOE Accounting Handbook except for Chapters 3, 5, 8, 14, 16, 18, 19, and 20.<br><br>NOTE: RL has modified, with HQ knowledge and approval, the instructions in Accounting Handbook Chapter 21, | CD0267<br>Annual Estimated Property Valuation | None Identified |
| | | CD0270<br>Conference Management Report (Quarterly) | None Identified |
| | | CD0405<br>Planned Conference Activity January – March (Annual) | None Identified |
| | | CD0179<br>Contract Funds Status Report (Monthly) | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | "Financial Closeout". These guidelines are followed, except that the final audit is not completed by DOE; rather it is completed by the Defense Contract Audit Agency. Consistent with FAR and DEAR requirements, the final audit and contractor certifications are received and the Contracting Officer prepares a final contract modification and closing documentation. RL Finance retires records according to RL PRO guidelines for that contract.<br><br>The Contractor shall maintain and administer a financial management system as described in the Contractor Management Plan that (1) is suitable to provide proper accounting in accordance with Generally Accepted Accounting Principles, and Cost Accounting Standards, except as modified by DOE requirements; (2) supports financial planning and budget formulation, validation, execution, and the recasting or changing of DOE funding or task codes such as Budget and Reporting Numbers (B&R), activity data sheet numbers (ADS), and local projects/tasks; (3) maintains proper funding authorization including submittal of a Funding Change Proposal when Approved Funding Program changes between PBS's or changes between Operating, Capital Equipment, or General Plant Projects within a PBS are required; (4) integrates and reports the financial information for subcontractors; and (5) provides all other necessary financial reports, which shall include accumulating and reporting indirect and support costs by function. The Contractor will be requested, periodically, to provide certain functional cost information not normally provided to DOE on a routine basis, but should be otherwise available through query of the Contractor's accounting system.<br><br>The Contractor will assume existing responsibilities for accounting control of special nuclear materials. The Contractor will continue to operate the classified Departmental Inventory Management System (DIMS), which reports the financial aspects of special nuclear material inventory changes and status.<br><br>The Contractor shall report cost information for all contract funds, including work for others. (FY03 to FY06)<br><br>The financial management systems of Major Subcontractors shall have the same level of detail required of the Contractor and be consistent with the requirements of this clause.<br><br>The use of overtime is authorized under this contract if the overtime premium cost does not exceed 12% of total payroll. | CD0177<br>U.S. Department of Labor Form 5500 – Annual Return of Fiduciary of Employer Benefit Trust (Annual) | None Identified |
| | | CD0271<br>Depreciation Charges (Monthly) | None Identified |
| | | CD0308<br>Department Inventory Management System (DIMS) Report (Quarterly) | None Identified |
| | | CD0181<br>Disclosure Statement (As required) | None Identified |
| | | CD0273<br>Erroneous Payment Report (Quarterly) | None Identified |
| | | CD0171<br>August Update to FY 200X Contractor Post Retirement Benefits Other Than Pension (PRB) for DOE Financial Statement Disclosures (FAS 106) (Annual) | None Identified |
| | | CD0172<br>August Update to Fiscal Year 200X Contractor Pension Data for DOE Financial Statement Disclosures (FAS 87) (Annual) | None Identified |
| | | CD0173<br>Financial Information System (FIS) Management & Reporting System (MARS) (Month-End Deadlines) | None Identified |
| | | CD0275<br>Fiscal Year 200X Contractor Post Retirement Benefits Other Than Pension (PRB) for DOE Financial Statement Disclosures (FAS 106) (Annual) | None Identified |
| | | CD0276<br>Fiscal Year 200X Contractor Pension Data for DOE Financial Statement Disclosures (FAS 87) (Annual) | None Identified |
| | | CD0278<br>Fiscal Year 200X Workman's Compensation with Rate of 2% (As required) | None Identified |
| | | CD0279<br>Fiscal Year 200X Year-End Requirements and FY200X Planning Requirements (Annual) | None Identified |
| | | CD0277<br>Fiscal Year 200X Travel Target Report (Quarterly) [include FY200X Travel Target for following year in 4th Quarter Report] | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | | CD0281<br>Fluor Hanford, Inc., Cost Submittal FHXXXX (Monthly) | None Identified |
| | | CD0282<br>Functional Support Cost Reporting (FSCR) for FY200X (Annual) | None Identified |
| | | CD0292<br>Reconciliation of Transfers Between FH and Other Hanford Contractors (Transfers To and Transfers From) (Quarterly) | None Identified |
| | | CD0294<br>Reconciliation of Activities Charged to Suspense Debits and Budget and Reporting (B&R) Number (Monthly) | None Identified |
| | | CD0406<br>Multi Employer Pension Plan Actuarial Valuation Report (Annual) | None Identified |
| | | CD0339<br>Supplemental Compensation Report (Annual) | None Identified |
| **Baseline**<br>Maintain an integrated, traceable scope, schedule, and cost life-cycle baseline as described in the Management Plan. | The Contractor shall implement an interim reporting baseline for FY 2003 and revise the life-cycle baseline.<br><br>The Contractor shall provide a high-level crosswalk from the FY 2003 baseline to the revised baseline at the PBS level.<br><br>The Contractor shall update the life-cycle baseline to incorporate PHMC Modification 205, which updates Section B.4. Estimated Cost and Fee, and Section C, Statement of Work.<br><br>The Contractor shall provide a high-level crosswalk at the PBS level from the December 4, 2003 life-cycle baseline to the | CD0284<br>GFS/GFI Report (Quarterly) | None Identified |
| | | None Identified | GF0093<br>Formal direction to update the life cycle baseline 60 days prior to need |
| | | CD0166<br>Interim Reporting Baseline<br>**Due:** 30 January 2003 | None Identified |
| | | CD0260<br>Letter to RL with notification of baseline availability on HANDI and a crosswalk from BCR FH-2003-001 to new baseline<br>**Due:** 30 June 2003 | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | July 2004 adjusted baseline.<br><br>The Contractor shall not be required to update the life-cycle baseline more than once per year.<br><br>The life-cycle baseline shall contain scope, schedule, and cost information to support development and maintenance of an integrated DOE/RL baseline and support the Federal annual budget, planning, and execution processes.<br><br>The Contractor shall maintain vertical and horizontal traceability between technical, schedule and cost at all levels of the WBS structure.<br>The life-cycle baseline shall contain the following elements:<br>1. General<br>a. An electronic baseline available in HANDI<br>2. Technical Baseline<br>a. WBS Hierarchy<br>b. PBS Mission Objectives<br>c. WBS Dictionaries<br>d. Waste and Material Forecasts<br>e. Functions and Requirements by PBS<br>f. Gold Metrics by PBS<br>g. RAM Tables for Waste Sites and Facilities<br>3. Schedule Baseline<br>a. Critical Path Schedules<br>b. Milestone Listing<br>4. Cost Baseline<br>a. Life-Cycle Cost Profiles by PBS<br><br>Contract period (FY03 to FY06) planning shall be based on the scope requirements, interfaces, endpoints, performance objectives, and funding provided in this Contract.<br><br>Contract period (FY03 to FY06) planning shall be maintained through rigorous change control, life cycle impacts shall be reflected through the annual update.<br><br>Integral to lifecycle planning, the Contractor shall identify, evaluate, and manage programmatic risks associated with the Contract workscope and establish priorities based on life-cycle considerations.<br><br>The Contractor shall maintain a single baseline for all EM-funded work covered by this contract. The baseline products will be consistent across all EM-funded PBS's and will be developed in accordance with Contractor-established guidance, processes, and procedures.<br><br>The Contractor shall maintain the Hanford Site Technical baseline data (now in the Hanford Site Technical Database) for all Hanford site cleanup work.<br><br>The Contractor shall incorporate all GFS/I that is critical path to achieving performance incentives into baseline schedules. | CD0167<br>Revised Life-Cycle Baseline<br>**Due:** 30 June 2003 | None Identified |
| | | CD0407<br>Adjusted Life-Cycle Baseline<br>**Due:** 15 July 2004 | GF0118<br>Budget Update Guidance (BUG) to update the PHMC life-cycle<br>**Due:** June 2004 |
| | | CD0420<br>High-level crosswalk at the PBS level from the December 4, 2003 life-cycle baseline to the July 2004 adjusted baseline and available in HANDI.<br>**Due:** 15 July 2004 | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | The Contractor shall provide support to RL for the occasional budgetary ("what if") exercises. $100K will be allocated for this support each fiscal year. Budgetary exercises include:<br>- PBS changes and scope transfers<br>- Funding level changes<br>- Mission objective changes<br>- Schedule changes<br>Budgetary exercises that require support beyond the $100K allocation will be managed and funded through an RL Request for Service. The Contractor shall also provide up to 1800 hours per year from its central budget integration function to support other RL special initiatives or exercises.<br><br>The Contractor shall support DOE Unicall request at a level consistent with the FY 2004 budget submittal. | | |
| **Change Control**<br>Maintain disciplined change control according to the methods described in the Management Plan, HNF-MP-001. | The Contractor shall maintain the Contract Baseline through the Contract period (FY03 to FY06)<br><br>Baseline changes that result in one or more of the following must be submitted to the Joint RL/Contractor Change Board for disposition:<br>1) changes to the contract statement of work;<br>2) changes to performance incentive objectives, definitions, or completion criteria;<br>3) changes to end state definitions;<br>4) changes to contract funding levels;<br>5) changes to annual gold metrics;<br>6) changes which result in impacts to other site contractors;<br>7) changes that increase the execution year PBS value by 15% and $5 million; and<br>8) changes to any PBS total life-cycle cost of more than 2%. | CD0168<br>Baseline Change Requests | None Identified |
| | | None Identified | GF0095<br>Formal direction for any change to contract statement of work; performance incentive objectives, definitions, or completion criteria; end state definitions; contract funding levels; or gold chart metrics. |
| **Contract Reporting**<br>Report performance for the technical work scope, schedule, and cost profile defined in the Contract Baseline. Provide contract reports to RL, as listed in deliverables for Sections C.2 through C.5. | Each month, the Contractor shall prepare and transmit to DOE the Project Hanford Management Contract Performance Report at the PBS level or higher. This report shall include the FH information to support the DOE Environmental Management Performance Report.<br><br>The Contractor shall conduct contract status meetings the 1st and 2nd month of each quarter to include the Gold Metrics, issues, and overall cost and schedule performance at the PBS level or higher.<br><br>The Contractor shall provide their internal dashboard indicators to RL for information on a monthly basis.<br><br>The Contractor shall provide RL input for IPABS-IS.<br><br>The Contractor shall submit to DOE the accident reports provided for by RCW Title 51, Section 51.28.010 (as required) | CD0268<br>Annual Recruitment and Retention Report | None Identified |
| | | CD0309<br>Annual Report on Contractor Workforce Restructuring | None Identified |
| | | None Identified | GF0096<br>Formal direction for any change to IPABS-IS or PARS format or content 60 days prior to need |
| | | None Identified | GF0097<br>Formal direction and guidance for reporting of EM Corporate Performance Measures by 31 January 2003. |
| | | CD0290<br>Procurement Balanced Scorecard (Annual) | None Identified |
| | | CD0187<br>Compensation Increase Plan (Annual) | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | Conduct a review, at least yearly, of all supervisors adherence to and performance under the Contractor's equal employment policy and affirmative action obligations | CD0183<br>Diversity Plan Update (Annual update) | None Identified |
| | | CD0272<br>EEO-1 Report - Required by and sent to the U.S. Department of Labor (Annual) | None Identified |
| | | CD0283<br>FY200X Annual Audit Activities Report<br>**Due:** every January | None Identified |
| | | CD0310<br>FY 200X Internal Audit Annual Plan<br>**Due:** June 200X | None Identified |
| | | CD0311<br>Internal Audit Reports for Audits Defined in the Internal Audit Annual Plan | None Identified |
| | | CD0285<br>Internal Audit Quarterly Status Report | None Identified |
| | | CD0189<br>Make-or-Buy Plan (Annual update) | None Identified |
| | | CD0184<br>Minority and Female Personnel Inventory and Evaluation for Promotional Opportunities Report (Annual) | None Identified |
| | | CD0188<br>Recruitment and Retention Pool Amount Update (Annual) | None Identified |
| | | CD0295<br>Report of Compensation (Forms DOE-F-3230.6a and DOE-F-3230.6b) (Annual) | None Identified |
| | | CD0170<br>RL/Contractor Performance Management Meeting (PMM) (Quarterly) | None Identified |
| | | CD0193<br>Small Business Subcontracting Plan (Annual) | None Identified |
| | | CD0169<br>Project Hanford Management Contract Performance Report (Monthly) | None Identified |
| | | CD0176<br>Standard Form 294, Subcontracting Report for Individual Contracts (Semi-Annual) | None Identified |
| | | CD0178<br>Fiscal Year (FY)200X Contractor Assurance on the Adequacy of the Internal Management Control Program (Annual)<br>**Due:** every August | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | | CD0186<br>Salary Guidelines (Annual) | None Identified |
| | | CD0409<br>Benefit Value Study CY2004 | None Identified |
| | | CD0298<br>VETS-100 Report - Required by and sent to the U.S. Department of Labor (Annual) | None Identified |
| **Contractor Management Plan**<br>Maintain a management plan describing the approach for managing and controlling the project. | The management plan shall describe the approach (e.g., summary roles and responsibilities, organizational structure) the contractor will use to accomplish the contract work scope.<br><br>The management plan shall utilize systems engineering techniques that assure the Contractor's work scope is integrated internally, with the other Hanford Prime Contractors, and the EM Complex as applicable.<br><br>The management plan shall describe the contractor's requirements management system. | CD0165<br>Fluor Management Plan (HNF-MP-001) (review and update yearly) | None Identified |
| **Interface Management**<br>Work with DOE-RL, DOE-ORP and other site contractors to establish and maintain interface documentation that defines the various interfaces and associated agreements. | Interface control documentation shall clearly define the roles and responsibilities of the various parties (DOE and Contractor) with respect to the interface.<br><br>The Contractor shall comply with established interface agreements and manage changes to interface documents using an approved change control process. | None Identified | None Identified |
| **Project Controls and Estimating Systems (PCES)**<br>Implement, maintain and use project controls systems and work processes that support successful execution and completion of the contract work scope. | The PCES shall follow the guidelines of ANSI EIA-748-1998, Earned Value Management Systems and this contract. | None Identified | None Identified |

## C.5.4 Legal Services and Litigation Management

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Legal Services and Litigation Management**<br>Provide legal services to Contractor staff and managers; control the risk of litigation in operation of this contract; and administer the Contractor Legal and Ethical Conduct Program. | Legal Services shall be provided to staff and managers to enable them to make informed decisions and to operate within the applicable laws and regulations.<br><br>Litigation Services for the Contractor shall be provided in cases of actual or threatened litigation, regulatory matters, or third-party claims in accordance with the Legal Resources Management Plan.<br><br>The Contractor shall submit the Legal Resources Management Plan to DOE for review.<br><br>The Contractor shall manage litigation actions in accordance with the Legal Resources Management Plan.<br><br>The Contractor shall submit Subject | CD0194<br>Legal Resources Management Plan (Annual) | GF0098<br>Identify deficiencies in the Legal Resources Management Plan within 30 days of submittal. |
| | | None Identified | GF0099<br>State objections to staffing and resource plan within 30 days of submittal. |
| | | CD0287<br>Lessons Learned Report (Legal) (Quarterly) | None Identified |
| | | CD0195<br>Quarterly RL Law Report | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | Inventions/Patents Reports as necessary. | | |

## C.5.5 Science and Technology Planning and Integration Management

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Science and Technology**<br>Plan and integrate the application of science and technology (S&T) directly into projects and services to reduce schedule, cost and risk. | The Contractor shall track demonstrations and deployments of new or innovative technologies.<br><br>The Contractor shall communicate and cooperate with DOE National Office of Science and Technology Program (e.g., RL, HQ, Hanford Site Contractors, National Laboratories) and build partnership with the science and technology community. | None Identified | None Identified |

## C.5.6 Training

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Training Program**<br>Develop, implement and manage a training program that maintains a qualified workforce in sufficient numbers and skill levels to meet the Hanford Site requirements. | | None Identified | None Identified |

## C.5.7 HAMMER (Hazardous Materials Management and Emergency Response)

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **HAMMER**<br>Manage, operate and maintain the Volpentest HAMMER Training and Education Center to provide training and education programs for hazardous material, waste management, and emergency response to Hanford workers as a first priority but also for workers nationwide. Continue partnerships with HAMMER stakeholders. | The Contractor shall manage, operate and maintain the Law Enforcement and Security Training Center (LESTC) (as an integral part of HAMMER) in such a manner that the Hanford Site's protective force, Hanford Patrol, has first priority in the use of the facilities/ranges to meet mandated training.<br><br>The Contractor shall coordinate and schedule off site law enforcement and private security entities to utilize excess capacity of the LESTC. | None Identified | None Identified |

## C.5.8 Architect Engineer/Construction Management

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Architect Engineering and Construction Services**<br>Provide Architect Engineering and Construction Management services necessary to accomplish the contract scope of work. | | None Identified | None Identified |

## C.5.9 Direct Support to DOE/RL (Department of Energy, Richland Office)

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Communications and Media Support**<br>Provide a wide range of communications support to include, but not be limited to, media relations, printed materials, electronic products (including audio, video and CD productions), the Hanford website, Tribal Government participation, public participation and outreach, tours, employee communications, and emergency preparedness planning and execution. | Press releases and media briefings shall be coordinated with RL and be factual, proactive, and incorporate the Hanford key messages and cleanup outcomes.<br><br>Publications and websites shall be developed in consultation with RL and shall include the Hanford brand.<br><br>All communications activities shall comply with the DOE Openness Policy, DOE American Indian and Alaska Native Tribal Government Policy, and the Hanford Site Tri Party Agreement Public Involvement Community Relations Plan.<br><br>The Contractor shall ensure that interactions with Tribal Nations are consistent with the principles of the DOE American Indian and Alaska Native Tribal Government Policy and are open, up-front, and coordinated with the RL Indian Nations Program manager.<br><br>The Contractor shall coordinate communications with the Communications Manager on interactions with Congressional, state, local government, and elected officials regarding its contract scope.<br><br>The Contractor shall provide a timely, accurate, thorough and detailed response to information requested by DOE to comply with Freedom of Information Act and Privacy Act requirements.<br><br>The Contractor shall provide support for emergency communications activities, including ensuring well-trained staff is available for all pertinent positions in the JIC or EOC for an extended emergency.<br><br>The Contractor shall support tours of the site, including transportation, food/beverages, tour guides, etc. as requested by DOE.<br><br>The Contractor shall assist RL in preparations for the Congressional Cleanup Caucus.<br><br>The Contractor shall provide strategic communication products, as requested, up to one half FTE annually. | None Identified | None Identified |
| **Direct RL Support**<br>The contractor shall provide support to RL on specific activities. | Litigation Services support to RL shall be provided in cases of actual or threatened litigation, regulatory matters, or third-party claims in accordance with the Department of Energy Office of General Counsel, Legal Services and Litigation Management Policies and Procedures, as requested by the Contracting Officer.<br><br>Assist RL in preparing Regulatory documents to meet state and federal regulations. | None Identified | None Identified |
| **Emergency Preparedness**<br>Provide support to RL on specific activities. Provide operational, technical and administrative emergency management services. Coordinate with DOE EP and DOE Office of Communications (includes ORP) | The Contractor shall assist DOE with EP program management.<br><br>The Contractor shall assist DOE with integration of Hanford's Sitewide EP Program. | None Identified | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| staff in supporting the Hanford Emergency Operations Center (EOC); maintain and operate the Joint Information Center (JIC) and Occurrence Notification Center (ONC); and manage the Transportation and Radiological Emergency Preparedness Programs. In support of the DOE EP Program, integrate Hanford's Site-wide EP Program, including maintenance of the Hanford Emergency Management Plan and implementing procedures, managing the Hanford Site Emergency Exercise Program, maintaining the Site Emergency response organization and facilities, maintaining the Hanford Site Emergency Alerting System, training site emergency response members, assisting RL in program management, assisting in the off site interface program, and provide support in managing the emergency public information program. | The Contractor shall maintain Hanford's Emergency Management Plan and implementing procedures.<br><br>The Contractor shall assist DOE in managing Hanford's Site Emergency Exercise Program.<br><br>The Contractor shall maintain the Hanford Emergency Operations Center, Joint Information Center, and Occurrence Notification Center.<br><br>The Contractor shall maintain the Hanford Site Emergency Alerting System.<br><br>The Contractor shall train the Site emergency response members.<br><br>The Contractor shall assist DOE in managing the off site interface program.<br><br>The Contractor shall assist DOE in managing emergency public information.<br><br>The Contractor shall assist DOE in managing the Transportation Emergency Preparedness Program.<br><br>The Contractor shall provide required information for the DOE Emergency Readiness Assurance Plan/Report (ERAP)<br><br>The Contractor shall support DOE preparation of the Annual Field Emergency Preparedness Exercise Evaluation Reports<br><br>The Contractor shall support DOE preparation of the Quarterly Limited Emergency Preparedness Exercise Evaluation Reports<br><br>The Contractor shall provide Quarterly FH Emergency Management Metrics Data | | |
| **Energy Management**<br>Manage the Contractor's facilities and activities in an energy efficient manner and in accordance with the Contractor's Energy Management Plan, and support RL in gathering Hanford Site energy resource cost and consumption data. | The Contractor shall complete an annual Energy Management Report (consistent with guidance from the DOE Federal Energy Management Program) and submit the Report to RL.<br><br>The Contractor shall collect the required energy resource (e.g. electrical, natural gas, fuel oil, etc.) cost and consumption data and input the data no later than 40 days after the end of each fiscal year quarter into the DOE Federal Energy Management Program (FEMP) Energy Management System (EMS) database (i.e. Quarterly Energy Conservation Performance Report); notify RL Energy Manager upon completion of each quarter data entry. The data shall also be included in the Annual Energy Management Report.<br><br>The Contractor shall collect the required water usage data for the FH and include the information in the Annual Energy Management Report. | CD0211<br>Energy Conservation Analysis Report for New Building or Building Addition Projects (as required)<br><br>CD0210<br>FH Annual Energy Management Report | None Identified<br><br>None Identified |
| **Geospatial Information Management**<br>Support RL in disseminating Hanford geographical data. | The Contractor shall operate and maintain a Hanford geospatial clearinghouse web site. | None Identified | None Identified |

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| | The Contractor shall support the Site Spatial Data Council.<br><br>The Contractor shall be RL's point-of-contact and provide geospatial information for off site requests. | | |
| **Site-Wide RL Support**<br>Provide support to RL for site-wide activities – pollution prevention, traffic management, operation of the Sample Management Office, and emergency preparedness. (Emergency Preparedness is described above.) | Develop and implement the Hanford Site Pollution Prevention Program incorporating waste prevention, recycling, reuse, and affirmative procurement program.<br><br>Act as the Site Traffic Manager by coordinating on site and off site shipments and serve as the designated shipping agent for DOE.<br><br>The Contractor shall operate the Sample Management Office for DOE-RL. | CD0280<br>Fiscal Year 200X Pollution Prevention Goal Status for the Hanford Site (Annual) | None Identified |
| | | CD0199<br>Hanford Site Guide for Preparing and Maintaining Generator Group Pollution Program Documentation (Annual) | None Identified |
| | | CD0201<br>Hanford Site Waste Minimization and Pollution Prevention Awareness Program Plan (Annual) | None Identified |
| | | CD0200<br>Waste Minimization and Pollution Prevention Progress Report and Yearly Accomplishments (Annual) | None Identified |
| **TPA Support**<br>Support RL in the management of the Tri-Party Agreement. | Support DOE and Hanford Site Contractor Project staff in Tri-Party Agreement negotiations.<br>Develop strategy, process, and procedures for Tri-Party Agreement change packages. Assist the responsible project in the development of the change packages and discussions with the lead regulatory agency.<br><br>Support the TPA dispute resolution process. Develop strategy, process and procedures for the Tri-Party Agreement Dispute Resolution Process. Assist RL and the responsible Hanford Site Contractor Project Offices in the development of the Statement of Dispute to ensure Tri-Party Agreement and other regulatory requirements are not impacted by the proposed resolution contained in the Statement of Dispute. | CD0249<br>M-035-09: Conduct biennial assessments of information and data access needs with EPA and Ecology. DOE will propose implementation schedules (TPA milestones) for enhancements as a result of the biennial assessments.<br>**Due:** 31 March 2006 | None Identified |
| | | CD0248<br>M-035-09D: Conduct biennial assessments of information and data access needs with EPA and Ecology. DOE will propose implementation schedules (TPA milestones) for enhancements as a result of the biennial assessments.<br>**Due:** 31 March 2004 | None Identified |
| | | CD0208<br>Resolution of Disputes (As required) | None Identified |
| | | CD0209<br>TPA Change Packages (As required) | None Identified |

## C.5.10 Request For Services Support

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Request For Services Support**<br>Manage and administer the Request for Services (RFS) and work for others program. | Develop a Statement of Work with an associated cost estimate, when requested by RL.<br><br>Review request for resource availability and impact to on-going work and transmit package to RL for approval. | CD0214<br>RL approval request and RFS package | None Identified |

## C.5.11 Mutual Aid Agreements

The contractor will make certain personnel available on a non-mission interference basis in response to requests for aid and assistance from those entities outside of the Hanford site with which DOE has signed Mutual Aid Agreements (MAAs). Services for aid and assistance include, but are not limited to, fire protection/suppression, emergency medical services, and police assistance. Contract Section J, Appendix C contains the current list of MAAs.

When such request for aid and assistance impact the Contractor's ability to perform work in support of required deliverables or performance incentives, they may be considered a "change" and handled in accordance with the clause entitled, "Changes -- Cost Reimbursement" of the contract.

## C.5.12 Contract Transition

| SCOPE | REQUIREMENT(S) | DELIVERABLES | GFS/GFI |
|---|---|---|---|
| **Contract Transition**<br>The DOE and Contractor recognize that prior to the end of the Contractor's performance period, a transition period will be necessary to allow a transition to a new Contractor. The Contractor agrees to work with the DOE to establish an acceptable transition plan that supports the new Contractor in assuming their Contract responsibilities. The DOE agrees that any requirements placed upon the incumbent Contractor to perform any transition activities should not impact funding or the Contractor's ability to earn fee. | | CD0215<br>Transition Plan | None Identified |

# C.6 Other Contractors

The Contractor may, from time to time, provide services to and receive services from other Prime Contractors by Memoranda of Agreement (MOA). An MOA is used to establish a solid framework for providing work between Prime Contractors, to clarify the responsibilities and processes, and to create consistency among the Parties. The MOA will include standard definitions, work request elements, generalized decision analysis, and a rigorous dispute resolution process. The use of an MOA, and/or the use of any term contained within, does not create a subcontractor or supplier relationship.

Site Services are required or encouraged for use by the Prime Contractors. Those services, equipment or supplies that the Prime Contractor chooses to use or those DOE directs the Prime Contractor to use, will be considered Government-furnished. Government-furnished field equipment will be identified. These Government-furnished property/services shall be utilized, costed, and reimbursed under the terms of this Contract.

DOE has determined that the Government-furnished service provider has an approved Integrated Environment, Safety, and Health Management System that amalgamates the Quality Assurance Program, Environmental Protection Program, Worker Safety and Health Program, Standards and Requirements Program, Price Anderson Amendments Act (PAAA) Compliance Program, etc., for the protection of the workers, the public, and the environment. Since the service is provided as Government-furnished, oversight by the requesting Contractor is limited to final acceptance of work performed, unless otherwise specified in the Statement of Work. With the exception of directed Site Services, vendor qualification may be performed, if required, based on the quality services needs for unique requirements.

A Prime Contractor pre-qualified by the Government to provide a Government-furnished service may be held solely responsible for poor performance or failure to provide the service in a manner that is consistent with the terms and conditions of a statement of work. A Prime Contractor that has received Government-furnished services that fail to meet, or are otherwise inconsistent with the terms and conditions of a clear and concise statement of work, and who has not been negligent and/or otherwise a contributing factor to the failure or poor performance, shall not be held responsible by DOE for the failure and/or poor performance.

The relationship between the Performing Contractor of Government-furnished services and the Government provides the legal basis for assuring that the Performing Contractor has performed consistent with its contract with the Government. The Performing Contractor should therefore be the prime focus on any adverse actions taken by the Government in the event such services prove to be defective or contrary to contract requirements.

The Contractor shall work with the other Prime Contractors in identifying yearly requirements for services and shall also work with each of these Contractors to further the progress in cleaning up the Hanford Site.

## C.6.1 Battelle Memorial Institute (BMI)

Battelle Memorial Institute (BMI), under a separate prime contract, operates the Pacific Northwest National Laboratory (PNNL). PNNL is one of five Office of Science multi-program laboratories that conduct research and development activities under prime contracts to DOE. Some of the programs conducted in the Laboratory are part of the Office of Science laboratory system and require no integration with Hanford's Environmental Management (EM) programs; however, many of the research and technology development programs have direct relevance to the Hanford cleanup mission. As applicable, the Contractor is encouraged to utilize the scientific and technical capabilities available from PNNL and shall work directly with PNNL to maximize the benefit to Hanford from the National research and development program.

PNNL monitors the Hanford environment to protect the public safety and the Hanford Site ecological and cultural resources. This includes providing real time localized weather information for routine safety operations and emergency response, performing Hanford Site and off site environmental monitoring, as well as determining radiological exposure to the public and the environment.

Battelle provides the following services:

- Calibration of hand held and small portable radiological instruments,
- Coordination and control of all aviation activities on the Hanford Site. Assists in validation of Site compliance with FAA rules for hazards to aviation,
- Detection and increased employee awareness of potential site-specific intelligence threats directed against Site employees, information, facilities, and technologies, conducts pre and post visit briefings with employees who visit sensitive countries, trains employees who will host or escort foreign national visitors from sensitive countries, and interviews Site employees who report any contact with individuals from sensitive countries or any contact with individuals seeking unauthorized access to classified matter or special nuclear materials,
- Meteorological data and forecasting information,
- Public reading room of DOE literature,
- Services related to the monitoring and assessment of employee exposure to radiation at the Site, and
- Technical Library located at the Richland WSU Campus.

## C.6.2 Bechtel Hanford Incorporated (BHI)

Bechtel Hanford Incorporated (BHI), under a separate prime contract, is the Environmental Restoration Contractor at the Hanford Site. BHI plans, manages, executes, and integrates a full range of activities for the cleanup of contaminated soils, and inactive nuclear facilities under DOE's Environmental Restoration Program. These activities include decontamination and decommissioning (D&D) of old production facilities; managing remedial action projects;

developing an Environmental Restoration Disposal Facility (ERDF); and providing technology demonstration projects.

## C.6.3 Bechtel National, Inc. (BNI)

Bechtel National, Inc. (BNI), under a separate prime contract to DOE as managed by the Office of River Protection, is responsible for designing, constructing, commissioning, and supporting the transition of the Waste Treatment and Immobilization Plant (WTP). The WTP will treat the wastes being managed by CHG.

## C.6.4 CH2M HILL Hanford Group, Inc. (CH2M HILL)

CH2M HILL Hanford Group (CH2M HILL), under a separate prime contract to DOE as managed by the Office of River Protection, is responsible for managing the River Protection Project. CH2M HILL is responsible for safely managing and retrieving for disposal the radioactive waste stored in 177 underground tanks and related facilities.

CH2M HILL provides analysis of highly radioactive samples in support of PHMC Projects.

CH2M HILL also provides, as a variable service, testing of ventilation and filters, and ventilation balance to maintain established flows and pressures on systems. Specifics include Ventilation Stack Flow testing, Fume Hood Flow testing, HEPA Vacuum testing/Certification and HEPA Filter Efficiency testing.

## C.6.5 AdvanceMed Hanford (AMH)

The AdvanceMed Hanford , under a separate prime contract, manages the Site Occupational Medical Contract to provide occupational health services through health risk management and occupational health services to personnel at Hanford. Through these services, AMH strives to maximize the health and safety of Hanford personnel while minimizing personal and occupational health risks. AMH's Health Risk Management program teams with the site in identifying and analyzing the hazards that Hanford personnel face in the work environment and brings an awareness of health and safety issues to Hanford's personnel. In support of DOE and all prime contractors, AMH's occupational health services provide occupational medicine and nursing, medical surveillance, ergonomics assessment, exercise physiology, case management, psychology and counseling, fitness for duty evaluations, health education, infection control, immediate health care, industrial hygiene, and health, safety, and risk assessments.
AMH provides the following services to other site contractors:

- Medical monitoring and qualification evaluations, tests and services;
- Assessment of employees based on-job task analysis and subsequent data management;
- Field and facility visits for health related purposes;
- Diagnosis and treatment of injury or disease;
- Medical records and medical data extraction;
- Formal monitoring of the medical status of an employee who is either absent from work or has limitations on their ability to work;

- Wellness and immunizations;
- Medical surveillance;
- Psychological services; and
- Employee physical examinations.

## C.6.6 Johnson Controls Incorporated (JCI)

Johnson Controls Incorporated (JCI), under a separate prime contract, is responsible for the Energy Savings Performance Contract, which currently includes steam service to support heating and other operations at the Site and air compressors for twenty 300 Area facilities. JCI can also propose additional energy conservation measures. These may include but are not limited to lighting system upgrades; pumping system upgrades; automation; heating, ventilation, and air conditioning upgrade; and addition of utility monitoring and control systems.

# C.7 Acronyms

| | |
|---|---|
| 300 ACP | 300 Area Accelerated Closure Project |
| ALE | (Fitzner Eberhardt) Arid Lands Ecology (Reserve) |
| BMI | Battelle Memorial Institute |
| AMH | AdvanceMed Hanford |
| BHI | Bechtel Hanford, Inc. |
| BNI | Bechtel National, Inc. |
| BIO | Basis for Interim Operations |
| CBW | chemical/biological weapons |
| CCRC | Centralized Consolidated Recycling Center |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act of 1980 |
| CFR | Code of Federal Regulations |
| CH2M HILL | CH2M HILL Hanford Group, Inc. |
| CSB | Canister Storage Building |
| CVDF | Cold Vacuum Drying Facility |
| CVP | Cleanup Verification Package |
| CWC | Central Waste Complex |
| D4 | Deactivation, Decontamination, Decommissioning, and Demolishing |
| D&D | Decontamination and Decommissioning |
| DNFSB | Defense Nuclear Facilities Safety Board |
| DOD | Department of Defense |
| DOE | Department of Energy |
| DSA | Documented Safety Analysis |
| EE/CA | Engineering Evaluation/Cost Analysis |
| EM | Environmental Management |
| ERDF | Environmental Restoration Disposal Facility |
| ESH&Q | Environment, Safety, Health & Quality Assurance |
| ETF | Effluent Treatment Facility |
| FAA | Federal Aviation Administration |
| FFTF | Fast Flux Test Facility |
| GSA | General Services Administration |
| HAMMER | Hazardous Materials Management and Emergency Response Training and Education Center |
| HAMTC | Hanford Atomic Metal Trades Council |
| HLAN | Hanford Local Area Network |
| HLV | High-Level Vault |
| HLW | High-Level Waste |
| IAEA | International Atomic Energy Agency |

| | |
|---|---|
| ISC | Interim Storage Cask |
| ISM | Integrated Safety Management |
| JCI | Johnson Controls, Inc. |
| KE | 100 K East |
| KW | 100 K West |
| LERF | Liquid Effluent Retention Facility |
| LESTC | Law Enforcement and Security Training Center |
| LLBG | Low-Level Burial Grounds |
| LLNL | Lawrence Livermore National Laboratory |
| LLV | Low Level Vault |
| LWR | Light-Water Reactor |
| MAA | Material Access Area |
| MBA | Material Balance Area |
| MGR | Monitored Geologic Repository |
| MOA | Memorandum of Agreement |
| MOU | Memorandum of Understanding |
| MWDT | Mixed Waste Disposal Trenches |
| NEPA | National Environmental Policy Act of 1969 |
| NF | Nuclear Fuel |
| NHPA | National Historic Preservation Act of 1966 |
| NM | Nuclear material |
| NOC | Network Operations Center |
| NOC | Notice of Construction |
| NTIA | National Telecommunications and Information Administration |
| OCRWM | Office of Civilian Radioactive Waste Management (DOE) |
| ORP | Office of River Protection |
| ORR | Operational Readiness Review |
| PAAA | Price Anderson Amendments Act |
| PARS | Project Assessment & Reporting System |
| PBS | Project Baseline Summary |
| PC | Personal Computer |
| PUREX | Plutonium-Uranium Extraction Facility |
| PFP | Plutonium Finishing Plant |
| PHMC | Project Hanford Management Contract |
| PSAP | Personnel Security Assurance Program |
| QA/QC | Quality Assurance/Quality Control |
| RCRA | Resource Conservation and Recovery Act of 1976 |
| REC | Radiochemical Engineering Cells |
| RINM | Reactor Irradiated Nuclear Material |

| | |
|---|---|
| RL | U.S. Department of Energy Richland Operations Office |
| ROD | Record of Decision |
| RPP | River Protection Project |
| S&T | Science and Technology |
| S&M | Surveillance and Maintenance |
| SAFKEG | Safekeg; radioactive materials packaging |
| SAMS | Sunflower Asset Management System |
| SARP | Safety Analysis Report for Packaging |
| SEPA | State Environmental Policy Act |
| SNF | Spent Nuclear Fuel |
| SNM | Special Nuclear Material |
| SRS | Savannah River Site |
| SSAS | Subsurface Absorption Systems |
| SSF | Sodium Storage Facility |
| SSSP | Site Safeguards and Security Plan |
| SST | Single Shell Tank |
| SWITS | Solid Waste Information Tracking System |
| TEDF | Treated Effluent Disposal Facility |
| TID | Tamper Indicating Devices |
| TPA | Tri-Party Agreement |
| TRIGA | Training, Research, Isotopes, General Atomics |
| TRU | Transuranic |
| TSD | Treatment, Storage, and Disposal |
| WAC | Washington Administrative Code |
| WESF | Waste Encapsulation and Storage Facility |
| WIPP | Waste Isolation Pilot Plant |
| WRAP | Waste Receiving and Processing Facility |
| WTP | Waste Treatment Plant |