

**APPENDIX J**  
**Central Plateau Facilities and 100 Area Production Reactors**

**Purpose and Description**

Appendix J, *Central Plateau Facilities and 100 Area Production Reactors*, is focused on Central Plateau facilities and 100 Area production reactors that are anticipated to require a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) response action for cleanup. The following information will be contained in Appendix J:

- Central Plateau facilities and 100 Area production reactors determined by the Tri-Parties, in accordance with the Graded Approach process described in Section 8 of the Action Plan, to be subject to removal or remedial action under CERCLA. These facilities are identified as Tier 1 (facilities historically designated as "Key" in Section 8 of the Action Plan) or Tier 2 facilities. The lead regulatory agency will be defined corresponding with the lead regulatory agency for operable units located in the same geographic area as the facility or reactor, unless otherwise agreed to by EPA and Ecology.
- For Tier 1 facilities and reactors, DOE and the lead regulatory agency will make a determination whether the CERCLA response action will be a remedial action or a removal action. The column titled "Decision Document" will record that determination. The title of the approved decision document will be inserted in that column when it is issued.
- Central Plateau process or other inactive facilities that have not been evaluated as part of the graded approach described in Section 8 of the Action Plan are identified as To Be Determined (TBD). Following completion of the evaluation process, the facility or reactor type will be revised to Tier 1 or 2 for those that are determined to be subject to removal or remedial action under CERCLA. Facilities or reactors determined not to be Tier 1 or 2 will be removed from the Appendix J table.
- Facilities or reactors that contain a Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and Disposal (TSD) unit are identified with a \*\* in the building number field.

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

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

**CENTRAL PLATEAU FACILITIES AND 100 AREA PRODUCTION REACTORS**

<b>Facility Tier</b>	<b>DOE Facility Number</b>	<b>Description</b>	<b>Lead Regulatory Agency</b>	<b>Decision Document Remedial/removal action [Tier 1]</b>
<b>B Plant Geographic Area</b>				
1	221B**	B PLANT (200-CB-1 OU)	Ecology	<i>Remedial action</i>
1 <sup>a</sup>	224B	CONCENTRATION FACILITY	Ecology	Action Memorandum for the Non-Time Critical Removal Action for the 224-B Plutonium Concentration Facility (DOE/RL-2004-36)
2 <sup>b</sup>	212B	FISSION PRODUCT LOADOUT, CASK TRANSFER BUILDING	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
2 <sup>b</sup>	221BB**	PROCESS STEAM AND CONDENSATE BUILDING	Ecology	
2 <sup>b</sup>	221BC	SWP CHANGE HOUSE	Ecology	
2 <sup>b</sup>	221BD	LAUNDRY STORAGE BUILDING	Ecology	
2 <sup>b</sup>	221BF**	AIR DRYER BUILDING	Ecology	
2 <sup>b</sup>	221BK	B PLANT CANYON EXHAUST INSTRUMENTATION BUILDING	Ecology	
2 <sup>b</sup>	222B	OFFICE BUILDING/LABORATORY	Ecology	
2 <sup>b</sup>	225BA	K1 FILTER PIT ENCAPSULATION FACILITY	Ecology	
2 <sup>b</sup>	225BB	K3 FILTER PIT ENCAPSULATION FACILITY	Ecology	
2 <sup>b</sup>	225BF	WESF TANKER LOADOUT STATION	Ecology	
2 <sup>b</sup>	242B	RADIOACTIVE PARTICLE RESEARCH LABORATORY	Ecology	
2 <sup>b</sup>	242BL	CASK LOADING BUILDING	Ecology	
2 <sup>b</sup>	271B	B PLANT SUPPORT BUILDING	Ecology	
2	276BA**	ORGANIC MIXED WASTE STORAGE SYSTEM	Ecology	

Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document Remedial/removal action [Tier 1]
<b>B Plant Geographic Area (continued)</b>				
2 <sup>b</sup>	291B	EXHAUST FAN CONTROL HOUSE AND SAND FILTER	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
2 <sup>b</sup>	291BA	EXHAUST AIR SAMPLE HOUSE	Ecology	
2 <sup>b</sup>	291BB	INSTRUMENT BUILDING, A AND B FILTERS	Ecology	
2 <sup>b</sup>	291BC	A AND B FILTERS	Ecology	
2 <sup>b</sup>	291BD	C FILTER AND INSTRUMENT BUILDING	Ecology	
2 <sup>b</sup>	291BF	D FILTER	Ecology	
2 <sup>b</sup>	291BG	D FILTER INSTRUMENT BUILDING	Ecology	
2 <sup>b</sup>	291BH	INSTRUMENT BUILDING, E FILTER	Ecology	
2 <sup>a</sup>	291BJ	B PLANT INTSTRUMENT BUILDING, F FILTER	Ecology	
2 <sup>b</sup>	291BK	INSTRUMENT BUILDING, E AND F FILTERS	Ecology	
TBD	292B	STACK MONITOR STATION		
2 <sup>b</sup>	2716B	RM CHECK OUT STATION, RR TUNNEL	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
<b>PUREX Geographic Area</b>				
1	202A**	PUREX CANYON AND SERVICE FACILITY (200-CP-1 OU)	Ecology	Remedial action
2 <sup>b</sup>	203A**	ACID PUMP HOUSE	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
2 <sup>b</sup>	206A	VACUUM ACID FRACTIONATOR BUILDING	Ecology	
2 <sup>b</sup>	211A**	CHEMICAL MAKEUP TANK FARM & PUMPHOUSE	Ecology	

Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document Remedial/removal action [Tier 1]
<b>PUREX Geographic Area (continued)</b>				
2 <sup>b</sup>	212A	FISSION PRODUCT LOADOUT STATION	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
2 <sup>b</sup>	213A	FISSION PRODUCT LOADIN STATION	Ecology	
2 <sup>b</sup>	216A	VALVE CONTROL FACILITY	Ecology	
TBD	217A	SAMCONS SURVEILLANCE FOR PUREX BLDG.		
2 <sup>b</sup>	252AB	ELECTRICAL SUBSTATION	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
2 <sup>b</sup>	252AC	ELECTRICAL SUBSTATION	Ecology	
2 <sup>a</sup>	2707AR	SLUDGE VAULT CHANGE HOUSE	Ecology	
2 <sup>b</sup>	2711A	AIR COMPRESSOR BUILDING	Ecology	
2 <sup>b</sup>	276A	COLD SOLVENT STORAGE BUILDING, R CELL	Ecology	
TBD	291A	EXHAUST AIR FILTER AND STACK PLENUM		
TBD	291A001	STACK 202A MAIN PUREX		
2 <sup>b</sup>	291AB	EXHAUST AIR SAMPLER HOUSE	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
2 <sup>b</sup>	291AC	EXHAUST AIR SAMPLER HOUSE	Ecology	
2 <sup>b</sup>	291AD	FILTER PIT AND STACK	Ecology	
2 <sup>b</sup>	291AE	FILTER CELL NO. 4	Ecology	
TBD	291AG	SAMPLE STATION #2		
2 <sup>b</sup>	291AH	AOG SAMPLE STATION	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
TBD	291AJ	SAMPLE STATION #3		

Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document Remedial/removal action [Tier 1]
<b>PUREX Geographic Area (continued)</b>				
2 <sup>b</sup>	291AK	TUNNEL SPRAY ENCLOSURE AND CAISSONS	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
2 <sup>b</sup>	291AR	EXHAUST AIR FILTER STACK BUILDING	Ecology	
2 <sup>b</sup>	292AA	PR STACK SAMPLE HOUSE	Ecology	
2 <sup>b</sup>	292AB	PUREX GASES EFFLUENT MONITORING BUILDING	Ecology	
2 <sup>b</sup>	293A	OFF GAS TREATMENT FACILITY	Ecology	
2 <sup>b</sup>	294A	OFF GAS TREATMENT AND MONITORING STATION	Ecology	
2 <sup>b</sup>	295A	ASD SAMPLE STATION	Ecology	
2 <sup>b</sup>	295AA	SCD SAMPLE AND PUMPOUT STATION	Ecology	
2 <sup>b</sup>	295AB	PDD SAMPLE STATION	Ecology	
2 <sup>b</sup>	295AC	CSL SAMPLE STATION	Ecology	
2 <sup>b</sup>	295AD	SWL SAMPLE STATION	Ecology	
<b>U Plant Geographic Area</b>				
1	221U	U PLANT CANYON AND SERVICE BUILDING (200-CU-1 OU)	EPA	Record of Decision for the 221-U Facility (Canyon Disposition Initiative) Hanford Site, Washington [EPA 2005]
1	224U	CONCENTRATION FACILITY U03 PLANT	EPA	Action Memorandum for Non-Time Critical Removal Action For U-Plant Ancillary Facilities (DOE/RL-2004-67)
2	276U	SOLVENT RECOVERY TANK (200-CU-1 OU)	EPA	Record of Decision for the 221-U Facility (Canyon Disposition Initiative) Hanford Site, Washington [EPA 2005]
2	291U	EXHAUST FANS/STACKS FOR U-PLANT (200-CU-1 OU)	EPA	
2	291U001	221U MAIN STACK (200-CU-1 OU)	EPA	

Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document Remedial/removal action [Tier 1]
<b>U Plant Geographic Area (continued)</b>				
2	292U	STACK MONITORING STATION (200-CU-1 OU)	EPA	Record of Decision for the 221-U Facility (Canyon Disposition Initiative) Hanford Site, Washington [EPA 2005]
2 <sup>a</sup>	203UX	GAS STORAGE FACILITY	EPA	Action Memorandum for Non-Time Critical Removal Action For U-Plant Ancillary Facilities (DOE/RL-2004-67)
2 <sup>a</sup>	211U	COLD CHEMICAL MAKE UP TANK FARM	EPA	
2 <sup>a</sup>	211UA	COLD CHEMICAL MAKE UP TANK FARM ADDITION	EPA	
2 <sup>a</sup>	224UA	CALCINATION FACILITY	EPA	
2 <sup>a</sup>	2712U	ELECTRICAL INSTRUMENTATION BUILDING	EPA	
2 <sup>a</sup>	2712U	ELECTRICAL INSTRUMENTATION BUILDING	EPA	
<b>REDOX Geographic Area</b>				
1	202S	REDOX CANYON AND SERVICE FACILITY (200-CR-1 OU)	EPA	<i>Remedial action</i>
TBD	2711S	STACK GAS MONITORING STATION		
TBD	2718S	EXHAUST AIR SAND FILTER SAMPLE BOARD SHELTER		
TBD	276S	COLD SOLVENT STORAGE AND MAKEUP BUILDING		
TBD	292S	JET PIT HOUSE		
TBD	293S	ACID RECOVERY AND GAS TREATMENT BUILDING		
<b>T Plant Geographic Area</b>				
1 <sup>a</sup>	224T	TRANSURANIC STORAGE AND ASSAY FACILITY	EPA	Action Memorandum for the Non-Time-Critical Removal Action for the 224-T Plutonium Concentration Facility (DOE/RL-2004-68)
TBD	292T	FISSION PRODUCTS RELEASE LABORATORY		

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

Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document Remedial/removal action [Tier 1]
<b>Plutonium Finishing Plant (PFP) Geographic Area (continued)</b>				
TBD	2736ZA	PLUTONIUM STORAGE VENTILATION STRUCTURE		
TBD	2736ZB	PLUTONIUM STORAGE SUPPORT FACILITY		
<b>Strontium Semi-Works Geographic Area</b>				
2	215C	GAS PREPARATION BUILDING	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
2 <sup>b</sup>	241C801	CESIUM LOAD-OUT FACILITY	Ecology	
2 <sup>b</sup>	241CR271	COLD CHEMICAL MAKEUP BUILDING	Ecology	
2 <sup>b</sup>	241CX40	GROUT REMOVAL BUILDING	Ecology	
2 <sup>b</sup>	271CR	CONTROL BUILDING	Ecology	
2 <sup>b</sup>	276C	SOLVENT HANDLING BUILDING	Ecology	
2 <sup>b</sup>	209E	CRITICAL MASS LABORATORY (INCLUDING THE 296P031 STACK)	Ecology	
<b>Other 200 Area Facilities</b>				
2 <sup>b</sup>	225E	TEDF PUMP STATION 2	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
<b>100 Area Production Reactors</b>				
1	105-B	105-B REACTOR	EPA	Removal Action Work Plan and Surveillance and Maintenance Plan for the 105-B Reactor Facility (DOE/RL-2001-68).
1	105-C	105-C REACTOR	EPA	Surveillance and Maintenance Plan for the 105-C Reactor Safe Storage Enclosure (DOE/RL-98-44).

Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document Remedial/removal action [Tier 1]
<b>100 Area Production Reactors (continued)</b>				
1	105-D	105-D REACTOR	Ecology	Surveillance and Maintenance Plan for the 105-D Reactor Safe Storage Enclosure (DOE/RL-2004-59).
1	105-DR	105-DR REACTOR	Ecology	Surveillance and Maintenance Plan for the 105-DR Reactor Safe Storage Enclosure (DOE/RL-2002-28).
1	105-F	105-F REACTOR	EPA	Surveillance and Maintenance Plan for the 105-F Reactor Safe Storage Enclosure (DOE/RL-2003-45).
1	105-H	105-H REACTOR	Ecology	Surveillance and Maintenance Plan for the 105-H Reactor Safe Storage Enclosure (DOE/RL-2005-67).
1	105-KE 105-KW	105-KE REACTOR 105-KW REACTOR	EPA	Removal Action Work Plan for 105-KE/105-KW Reactor Facilities and Ancillary Facilities (DOE/RL-2005-26).
1	105-N 109-N	105-N REACTOR 109-N REACTOR	Ecology	Surveillance and Maintenance Plan for the 105-N/109-N Reactor Safe Storage Enclosure (DOE/RL-2011-106).

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

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

<sup>b</sup> Designation was completed during development of the EE/CA for 200E Area Tier 2 Buildings/Structures (DOE/RL-2010-54), which constitutes the facility evaluation, as documented in the EE/CA.