

<b>Change Number</b> J-23-01	<b>Federal Facility Agreement and Consent Order Change Control Form</b>		<b>Date</b> 08/02/2023	
<b>Originator</b> Mark French, DOE-RL			<b>Phone</b> 509-373-9863	
<b>Class of Change</b> <input type="checkbox"/> I – Signatories <input checked="" type="checkbox"/> II – Executive Managers <input type="checkbox"/> III – Project Managers				
<b>Change Title</b> Update to TPA Action Plan, Appendix J, Central Plateau Facilities and 100 Area Production Reactors				
<b>Description/Justification of Change</b> <p>This change control form modifies the title of Tri-Party Agreement (TPA) Action Plan, Appendix J, from “Central Plateau Facilities and 100 Area Production Reactors” to “Central Plateau and 400 Area Facilities and 100 Area Production Reactors” and updates Appendix J to incorporate 400 Area facilities. The Tri-Party agencies have agreed to utilize the <i>Comprehensive Environmental Response, Compensation, and Liability Act</i> (CERCLA) to disposition Fast Flux Test Facility (FFTF) complex facilities in the 400 Area. The facility evaluation process was conducted to designate remaining FFTF complex facilities in accordance with TPA Action Plan Section 8.0.</p> <p>This change control form also updates decision document information for other facilities to reflect current status.</p>				
<b>Impact of Change</b> <p>This change control form updates facility information in Appendix J, including incorporation of 400 Area facilities and modified the title of Appendix J from “Central Plateau Facilities and 100 Area Production Reactors” to “Central Plateau and 400 Area Facilities and 100 Area Production Reactors.”</p> <p>This change control form was worked in conjunction with TPA Change Control Form P-08-23-01 to implement corresponding changes in TPA Action Plan, Section 8.0, Facility Disposition Process.</p> <p>No work schedules or milestones are impacted by this change.</p>				
<b>Affected Documents</b> The <i>Hanford Federal Facility Agreement and Consent Order</i> (Tri-Party Agreement), as amended. TPA Action Plan, Appendix J, Central Plateau Facilities and 100 Area Production Reactors.				
<b>Approvals</b>			Page 1 of 8	
Dale, Heather L	Digitally signed by Dale, Heather L Date: 2023.08.24 12:45:51 -07'00'	8/24/23 Date		Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/>
H.L. Dale, DOE-RL				
N/A				Approved <input type="checkbox"/> Disapproved <input type="checkbox"/>
D.L. Noyes, DOE-ORP	Digitally signed by DAVID EINAN Date: 2023.08.31 13:50:57 -07'00'			Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/>
D.R. Einan, EPA	Digitally signed by Schleif, Stephanie (ECY) Date: 2023.08.24 14:11:09 -07'00' Adobe Acrobat version: 2023.003.20269		Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/>	
D.B. Bowen, Ecology				

## Authorized Changes

Modifications to TPA Action Plan, Appendix J are displayed by using double underline to indicate added text and ~~strikeout~~ to indicate deleted text.

## Appendix J

### Central Plateau and 400 Area Facilities and 100 Area Production Reactors

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#### Purpose and Description

Appendix J, Central Plateau and 400 Area Facilities and 100 Area Production Reactors, is focused on Central Plateau and 400 Area 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 and 400 Area 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. Implementation Areas identified in Table J-1 are geographic areas that are more closely tied to the Operable Unit structure. The Implementation Areas have a defined inventory of facilities to enable effective management of future cleanup actions.
- 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 and 400 Area 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.

Table J-1. Central Plateau and 400 Area Facilities and 100 Area Production Reactors. (6 pages)				
Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document Remedial/Removal Action [Tier 1]
<b>B Plant Implementation Area</b>				
1	221B**	B PLANT (200-CB-1 OU)	Ecology	<del>Remedial action</del> /Action Memorandum for the B Plant Complex (DOE/RL-2016-51)
1a	224B	CONCENTRATION FACILITY	Ecology	Action Memorandum for the Non-Time Critical Removal Action for the 224-B Plutonium Concentration Facility (DOE/RL-2004-36)
2b	212B	FISSION PRODUCT LOADOUT, CASK TRANSFER BUILDING	Ecology	
2b	221BB**	PROCESS STEAM AND CONDENSATE BUILDING	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
2b	221BF**	AIR DRYER BUILDING	Ecology	
2b	271B	B PLANT SUPPORT BUILDING	Ecology	
2d	276BA**	ORGANIC MIXED WASTE STORAGE SYSTEM	Ecology	
2b	291B	EXHAUST FAN CONTROL HOUSE AND SAND FILTER	Ecology	
2b	291BA	EXHAUST AIR SAMPLE HOUSE	Ecology	
2b	291BB	INSTRUMENT BUILDING, A AND B FILTERS	Ecology	
2b	291BC	A AND B FILTERS	Ecology	
2b	291BD	C FILTER AND INSTRUMENT BUILDING	Ecology	Action Memorandum for the B Plant Complex (DOE/RL-2016-51)
2b	291BF	D FILTER	Ecology	
2b	291BG	D FILTER INSTRUMENT BUILDING	Ecology	
2b	291BH	INSTRUMENT BUILDING, E FILTER	Ecology	
2a	291BJ	B PLANT INSTRUMENT BUILDING, F FILTER	Ecology	
2b	291BK	INSTRUMENT BUILDING, E AND F FILTERS	Ecology	
<b>PUREX Implementation Area</b>				
1	202A**	PUREX CANYON AND SERVICE FACILITY (200-CP-1 OU)	Ecology	<del>Remedial action</del> /Action Memorandum for the PUREX Complex (DOE/RL-2016-53)
2b	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)
1c	204A	ACID STORAGE VAULT, U CELL	Ecology	Remedial action

Table J-1. Central Plateau and 400 Area Facilities and 100 Area Production Reactors. (6 pages)

Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document Remedial/Removal Action [Tier 1]
2b	205A	SILICA GEL FACILITY	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
1c	206A	VACUUM ACID FRACTIONATOR BUILDING	Ecology	Remedial action
2b	211A**	CHEMICAL MAKEUP TANK FARM & PUMPHOUSE	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
2b	212A	FISSION PRODUCT LOADOUT STATION	Ecology	
2b	213A	FISSION PRODUCT LOADIN STATION	Ecology	
2b	216A	VALVE CONTROL FACILITY	Ecology	
TBD	217A	SAMCONS SURVEILLANCE FOR PUREX BLDG.	Ecology	
1c	276A	COLD SOLVENT STORAGE BUILDING, R CELL	Ecology	Remedial action
1c	291A	EXHAUST AIR FILTER AND STACK PLENUM	Ecology	Remedial action
1c	291A001	STACK 202A MAIN PUREX	Ecology	Remedial action
2b	291AD	FILTER PIT AND STACK	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
1c	291AE	FILTER CELL NO. 4	Ecology	Remedial action
1c	291AF	#2 FILTER AND DRAIN TANK	Ecology	Remedial action
TBD	291AG	SAMPLE STATION #2	Ecology	
TBD	291AJ	SAMPLE STATION #3	Ecology	
1c	291AK	TUNNEL SPRAY ENCLOSURE AND CAISSONS	Ecology	Remedial action
2b	293A	OFF GAS TREATMENT FACILITY	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
2b	294A	OFF GAS TREATMENT AND MONITORING STATION	Ecology	
<b>U Plant Implementation 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]
1d	224U	CONCENTRATION FACILITY U03 PLANT	EPA	Action Memorandum for Non-Time Critical Removal Action for U-Plant Ancillary Facilities (DOE/RL-2004-67)

Table J-1. Central Plateau and 400 Area Facilities and 100 Area Production Reactors. (6 pages)

Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document Remedial/Removal Action [Tier 1]
2	276U	SOLVENT RECOVERY TANK (200-CU-1 OU)	EPA	
2	291U	EXHAUST FANS/STACKS FOR U-PLANT (200-CU-1 OU)	EPA	Record of Decision for the 221-U Facility (Canyon Disposition Initiative) Hanford Site, Washington [EPA 2005]
2	291U001	221U MAIN STACK (200-CU-1 OU)	EPA	
2	292U	STACK MONITORING STATION (200-CU-1 OU)	EPA	
2a, d	203UX	GAS STORAGE FACILITY	EPA	
2a, d	211U	COLD CHEMICAL MAKE UP TANK FARM	EPA	Action Memorandum for Non-Time Critical Removal Action for U-Plant Ancillary Facilities (DOE/RL-2004-67)
2a, d	211UA	COLD CHEMICAL MAKE UP TANK FARM ADDITION	EPA	
2a, d	224UA	CALCINATION FACILITY	EPA	
2a	2712U	ELECTRICAL INSTRUMENTATION BUILDING	EPA	
<b>REDOX Implementation Area</b>				
1	202S	REDOX CANYON AND SERVICE FACILITY (200-CR-1 OU)	EPA	Remedial action
2e	292S	JET PIT HOUSE	EPA	Action Memorandum for the 200 West Area Tier 2 Buildings/Structures (DOE/RL-2020-56)
2	293S	ACID RECOVERY AND GAS TREATMENT BUILDING	EPA	Action Memorandum for Non-Time Critical Removal Action for REDOX (DOE/RL-2017-06)
<b>T Plant Implementation Area</b>				
1a	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)
2e	292T	FISSION PRODUCTS RELEASE LABORATORY	EPA	Action Memorandum for the 200 West Area Tier 2 Buildings/Structures (DOE/RL-2020-56)
<b>Plutonium Finishing Plant (PFP) Implementation Area</b>				
2e	231Z	MATERIALS ENGINEERING LABORATORY	EPA	Action Memorandum for the 200 West Area Tier 2 Buildings/Structures (DOE/RL-2020-56)
1d	234-5Z	PLUTONIUM FABRICATION FACILITY	Ecology	Non-Time Critical Removal Action Memorandum for PFP Above Ground Structures (DOE/RL-2005-13)
1d	236Z	PLUTONIUM RECLAMATION FACILITY	Ecology	Non-Time Critical Removal Action Memorandum for PFP Above Ground Structures (DOE/RL-2005-13)
2a, d	234-5ZA	PFP MICON, ACES, AND MASK FIT STATIONS	Ecology	Non-Time Critical Removal Action Memorandum for PFP Above Ground Structures (DOE/RL-2005-13)

Table J-1. Central Plateau and 400 Area Facilities and 100 Area Production Reactors. (6 pages)

Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document Remedial/Removal Action [Tier 1]
2a, d	242Z	WASTE TREATMENT FACILITY	Ecology	
2a, d	243Z	LOW LEVEL WASTE TREATMENT FACILITY	Ecology	
2a, d	243ZA	LOW LEVEL WASTE STORAGE FACILITY	Ecology	
2a, d	243ZB	COOLING TOWERS AND CONCRETE PAD	Ecology	
2a, d	2701ZA	CENTRAL ALARM STATION FACILITY	Ecology	
2a, d	2701ZD	PLUTONIUM FINISHING PLANT BADGEHOUSE	Ecology	
2a	2702Z	COMMUNICATIONS SUPPORT BUILDING AND TOWER	Ecology	
2a, d	2704Z	OFFICE ADMINISTRATION BUILDING // SECURED AREA	Ecology	
2a, d	2705Z	PFP OPERATION CONTROL FACILITY	Ecology	
2a, d	270Z	PFP SUPPORT FACILITY // INSIDE THE FENCE	Ecology	
2a, d	2712Z	STACK MONITORING STATION	Ecology	
2a, d	2729Z	STORAGE BUILDING	Ecology	
2a, d	2734ZL	HYDROGEN FLUORIDE FACILITY	Ecology	
2a, d	2735Z	CHEMICAL STORAGE	Ecology	
2a, d	291Z	EXHAUST AIR FILTER STACK BUILDING	Ecology	
2a, d	291Z001	STACK, 234-5Z, 236Z, AND 242Z MAIN	Ecology	Non-Time Critical Removal Action Memorandum for PFP Above Ground Structures (DOE/RL-2005-13)
2a, d	2736Z	PLUTONIUM STORAGE BUILDING	Ecology	
2a, d	2736ZA	PLUTONIUM STORAGE VENTILATION STRUCTURE	Ecology	
2a, d	2736ZB	PLUTONIUM STORAGE SUPPORT FACILITY	Ecology	
<b>A Farms Implementation Area</b>				
2b	291AR	EXHAUST AIR FILTER STACK BUILDING	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
<b>B Farms Implementation Area</b>				
2b, d	242B	RADIOACTIVE PARTICLE RESEARCH LABORATORY	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
2b, d	242BL	CASK LOADING BUILDING	Ecology	

Table J-1. Central Plateau and 400 Area Facilities and 100 Area Production Reactors. (6 pages)

Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document Remedial/Removal Action [Tier 1]
<b>C Farm Implementation Area</b>				
2b	241C801	CESIUM LOAD-OUT FACILITY	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
<b>S Farms Implementation Area</b>				
2e	242S	242S EVAPORATOR FACILITY	EPA	Action Memorandum for the 200 West Area Tier 2 Buildings/Structures (DOE/RL-2020-56)
<b>T Farms Implementation Area</b>				
2e	242T	WASTE DISPOSAL EVAPORATOR BUILDING	EPA	Action Memorandum for the 200 West Area Tier 2 Buildings/Structures (DOE/RL-2020-56)
2e	242TB	VENT HOUSE	EPA	
<b>Balance of East Area Implementation Area</b>				
2b	276C	SOLVENT HANDLING BUILDING	Ecology	Action Memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures (DOE/RL-2010-102)
2b, d	209E	CRITICAL MASS LABORATORY (INCLUDING THE 296P031 STACK)	Ecology	
<b>Outer Area Implementation Area</b>				
2e	213W	WASTE COMPACTOR BUILDING	EPA	Action Memorandum for the 200 West Area Tier 2 Buildings/Structures (DOE/RL-2020-56)
<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)
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)

Table J-1. Central Plateau and 400 Area Facilities and 100 Area Production Reactors. (6 pages)

Facility Tier	DOE Facility Number	Description	Lead Regulatory Agency	Decision Document Remedial/Removal Action [Tier 1]
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)
<b><u>East Flux Test Facility (FFTF) Implementation Area</u></b>				
<u>1</u>	<u>405</u>	<u>FAST FLUX TEST FACILITY REACTOR BUILDING</u>	<u>Ecology</u>	
<u>2f</u>	<u>403**</u>	<u>FUEL STORAGE FACILITY</u>	<u>Ecology</u>	<u>Removal Action</u>
<u>2f</u>	<u>408A</u> <u>408B</u> <u>408C</u>	<u>MAIN DUMP HEAT EXCHANGE STRUCTURES</u>	<u>Ecology</u>	
<u>2f</u>	<u>491S</u> <u>491W</u> <u>491E</u>	<u>HEAT TRANSPORT SYSTEM SERVICE BUILDINGS</u>	<u>Ecology</u>	
<u>2f</u>	<u>4717</u>	<u>REACTOR SERVICE BUILDING</u>	<u>Ecology</u>	
<u>2f</u>	<u>402</u>	<u>SODIUM STORAGE FACILITY</u>	<u>Ecology</u>	<u>Removal Action</u>
<u>2f</u>	<u>437</u>	<u>MAINTENANCE AND STORAGE FACILITY</u>	<u>Ecology</u>	
<u>2f</u>	<u>4718**</u>	<u>400 AREA INTERIM STORAGE AREA PAD</u>	<u>Ecology</u>	
<p>** Facility contains a Treatment Storage and Disposal (TSD) unit.</p> <p><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.</p> <p><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.</p> <p><sup>c</sup> Designation is based on the fact that these buildings/structures have changed to a facility Tier 1 grouping as physical closure actions must be performed in conjunction with their associated Tier 1 facility disposition.</p> <p><sup>d</sup> Removal Action completed.</p> <p><sup>e</sup> Designation was completed during development of the EE/CA for 200 West Area Tier 2 Building/Structures (DOE/RL-2020-39) which constitutes the facility evaluation, as documented in the EE/CA.</p> <p><sup>f</sup> Designation was documented in FFTF Complex Structures Binning Evaluation (CPCC-00460-VA) and EE/CA.</p>				