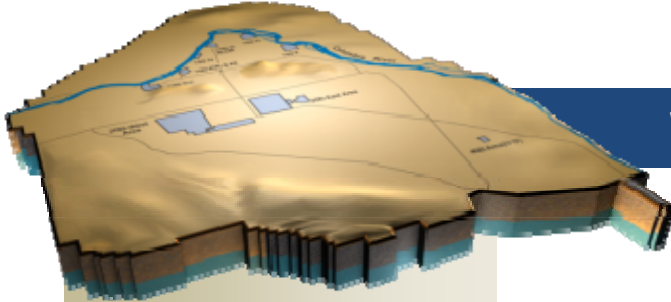


ARRA Weekly Report



Week Ending August 6, 2010

August 10, 2010
Contract DE-AC06-08RL14788
Modification M047
CHPRC1008-03

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OVERVIEW

CH2M HILL Plateau Remediation Company (CHPRC) is using funds from the American Recovery and Reinvestment Act (Recovery Act) to accelerate cleanup and demolition efforts across the Central Plateau and along the river corridor to help pursue the U.S. Department of Energy (DOE) 2015 vision and shrink the Hanford Site cleanup footprint.

RL-0011 Nuclear Materials Stabilization & Disposition

CHPRC is accelerating critical decontamination and decommissioning (D&D) work to prepare the Plutonium Finishing Plant (PFP) for demolition three years ahead of the Tri-Party Agreement milestone of September 2016. The work scope includes removing over 180 glove boxes/laboratory hoods and other highly contaminated equipment from the 234-5Z, 242-Z, and 2736-ZB buildings as well as preparing the former special nuclear material storage structures and other ancillary buildings for demolition.

RL-0013 Solid Waste Stabilization & Disposition

Recovery Act funds are allowing CHPRC to accelerate retrieval of 2,500 m³ of suspect transuranic (TRU) waste, eliminate 1,800 m³ of mixed low-level and low-level waste (MLLW and LLW), and accelerate the overall cleanup of legacy waste and fuels on the Hanford Site.

RL-0030 Soil & Groundwater Remediation, Groundwater/Vadose Zone

In the ongoing effort to protect the Columbia River, CHPRC is using Recovery Act funding to construct two groundwater treatment facilities, install over 300 wells that will be used for monitoring, extracting, and remediating groundwater, and decommission 350 wells that are no longer of service.

RL-0040 Nuclear Facility D&D – Remainder of Hanford

Across the Central Plateau and along the outer zone of the Hanford Site, CHPRC is accelerating the demolition of facilities to reduce mortgage costs on buildings that are no longer of service and complete the remediation of waste sites.

RL-0041 Nuclear Facility D&D – River Corridor Closure Project

In the 100K Area along the Columbia River, CHPRC is demolishing 12 buildings and remediating waste sites to clear the area and prepare for the disposition of two reactors, K East and K West.

ACCOMPLISHMENTS

RL-0011 Nuclear Materials Stabilization & Disposition

RL-0011.R1: Plutonium Finishing Plant D&D

The following table summarizes progress made with Recovery Act funding at PFP since April 2009.

Structures, equipment, waste disposition	Total to Date (since April 2009)
Glove boxes/hoods removed	66 glove boxes/hoods
MLLW/LLW shipped	1,282 m ³
TRU shipped	155 m ³
Non-radioactive waste shipped	22 m ³
Process vacuum system piping removed	16 feet
Asbestos removed	9,945 feet
	17 fuel vaults/ancillary buildings prepared for demolition:
Ancillary structures demolished or removed	o 15 fuel vaults disposed
	o 2 structures removed for reuse at other locations

Workers began the removal of more than a mile of highly contaminated process vacuum system piping in the 234-5Z and 291-Z buildings. The task required months of preparations including non-destructive assay, detailed work planning, training, and mock-ups for piping removal and size reduction activities. Workers successfully removed the first 16-foot section of pipe without incident and it was packaged and transferred to waste operations for disposal as TRU waste.

Work to remove glove boxes and laboratory hoods as well as other waste from throughout the PFP Complex is ongoing as well. Last week, one roll-off box of LLW was shipped to the Environmental Restoration Disposal Facility for disposal and workers removed 220 linear feet of asbestos, bringing the cumulative total of asbestos removed from PFP with Recovery Act funding to nearly 10,000 feet. Efforts to prepare five entry control facilities for removal are nearing completion with demolition expected to begin by the end of September, two years ahead of schedule.



Photo 1

Asbestos removal continues inside the Plutonium Finishing Plant facilities. From April 2009 to July 2010, CHPRC has used Recovery Act funding to support the removal of nearly 10,000 feet of asbestos from piping and ductwork.

Laboratory & Processing Areas

In the former Analytical Laboratory, cleanout is under way on six glove boxes/hoods in room 139, four hoods in room 144, and a large glove box in room 145. In the Plutonium Process Support Laboratory, equipment removal and decontamination of the laboratory hood in room 180 have been completed, and Surface Contaminated Object (SCO) surveys were completed to verify that the hood meets criteria for disposal as LLW. The work package for cleanout and removal of the first three glove boxes in room 179 was also complete, and planning continued for the remaining five glove boxes. In the process areas, chemical decontamination with the RadPro process has been initiated on three glove boxes that are expected to require extensive decontamination prior to packaging for disposal, and preparations are under way for cold testing of a second, complimentary process.

2736-Z/ZB Vault Complex

Preparations are in progress to remove the last of the ventilation filter housings and exhaust ductwork from room 636 and to remove process equipment and shielding from six glove boxes in room 642. Nearly 2,000 pounds of heavily contaminated equipment was removed and packaged for disposal.



Photo 2

Workers widen a doorway in the 234-5Z building process area to allow large glove boxes to be removed from the Remote Mechanical C Line without size reduction, which limits worker risks.

242-Z Americium Recovery Facility

The D&D team completed a record series of 11 consecutive daily entries to the facility, removing legacy waste, housekeeping, and completing preparations and much of the work to apply contamination fixative throughout the airlock and control room, particularly in the areas in front of the glove boxes. Entering the 242-Z facility is a feat of teamwork and safety, as entries are performed on supplied air respirators with extensive protective clothing due to high levels of removable contamination and airborne radioactivity.

Infrastructure, process support systems, and equipment removal

With the removal of contaminated process vacuum system piping in progress in the 234-5Z and 291-Z buildings, planning for removal of similar process transfer line piping is nearing completion, with work expected to begin in September in rooms 227, 228A, and 228B.

Ancillary and Security Structures

Deactivation and isolation of five security facilities formerly controlling access to the PFP Protected Area are nearing completion, with the last of the fire systems deactivated, radiological surveys completed, and all the buildings now electrically isolated. The construction contractor began mobilizing to resume removal of the inner Protected Area fences, razor wire, and perimeter alarm systems.



Photo 3

Workers complete electrical isolation activities for five security facilities formerly controlling access to the Protected Area at the Plutonium Finishing Plant. The facilities are being prepared for demolition, expected to begin in September.

RL-0013 Solid Waste Stabilization & Disposition

RL-0013C:R1.1: MLLW Treatment

Of the 1,800 m³ of MLLW and LLW planned for shipment under the Recovery Act:

- 991 m³ of MLLW and LLW have been shipped to date including:
 - 798 m³ that have been treated and disposed.
 - 193 m³ at off-site treatment facilities awaiting processing. Treatment is scheduled for FY10.

No shipments were completed this week.

RL-0013C:R1.2: TRU Waste

Of the 2,500 m³ of suspect TRU waste planned for retrieval under the Recovery Act:

- 57 m³ are staged, pending shipment.
- 478 m³ have been shipped to a treatment, storage, or disposal facility.

The Waste Retrieval Project completed the repackaging of contents from Box 82 in Trench 17 of the 3A burial grounds. The contents was repackaged into three 9 x 9 x 5 foot waste boxes and the area was down-

posted from a high-contamination area to a contamination area (CA). The bottom of Box 82 still needs to be repackaged. Work Package 2X-10-2585 was issued for the removal of Box 2 in Trench 17. Five of the seven power poles were installed to provide permanent power to the 3A burial grounds. Portions of Trench 17 were excavated, including the next layer of overburden boxes over Boxes 12 through 22. Site preparation activities for Trench 8 continued with the erection of a shielding zone. Comments were integrated and issued from the Hazard Review Board meeting for Trench 8 excavation and retrieval activities while a new procedure for Waste Retrieval Project inspections and surveillances was approved and posted.

The third review of Work Package 2X-10-4470, *218-W-4B Trench 11 Excavator Interrogation Event Site*, was completed to mitigate the February event site and an Automated Job Hazard Analysis (AJHA) was completed for the Mobile Radioactive Decontamination Unit (MDU) operating procedure SW-100-191. In the 12B burial grounds, the operational test procedure (OTP) was completed for drum venting system (DVS) 2. The replacement of the failed electrical transformer was completed.



Photo 4

A box of repackaged material from Box 82 is lifted from a trench in the 200 West Area. The contents of Box 82, a box of transuranic waste, was repackaged into three containers and removed from the trench and the area was down-posted from a high-contamination area to a contamination area.



Photo 5

Site preparation activities continue with the construction of a shielding zone near Trench 8 in the 3A burial grounds.

TRU Project Drum Repackaging

Of the 850 m³ planned to be characterized and repackaged with funding from the Recovery Act:

- 1,629 drums (338.9 m³) have been repackaged.
- 72 TRUPACT-II shipments [1,343 55-gallon drums, 24 standard waste boxes (SWBs), two ten-drum over-packs, 276 85-gallon over-packs and 246 drums over-packed into 65 SWBs (435.3 m³ total)] have been shipped.

RL-0030 Soil & Groundwater Remediation, Groundwater/Vadose Zone

RL-0030.R1: Central Plateau Soil & Groundwater

Well Drilling & Decommissioning

CHPRC initiated drilling of one of three wells planned for installation with Recovery Act funding in the 100-FR-3 operable unit in the 100 Area of the Hanford Site. The 100-FR-3 operable unit is associated with the 100-F Area, which is home to Hanford's F Reactor. The wells will support characterization efforts for the Remedial Investigation and Feasibility Study to be conducted in the 100-FR-3 operable unit. The following table showcases CHPRC's additional progress in well drilling and decommissioning.

Operable Unit	Scope (Wells to be drilled with Recovery Act funding)	In progress	Drilled to Total Depth ¹	Completed or Developed ²
100-BC-5	Support characterization and removal of chromium (6 wells)	2	1	-
100-KR-4	Support characterization of the vadose zone and aquifer (13 wells)	6	4	3
100-HR-3	H Area: Support the optimization of removal of chromium (40 wells)	39	30	29
100-FR-3	Support for Remedial Investigation/Feasibility Study characterization (3 wells)	1	-	-
200-ZP-1	Support the 200 West Groundwater Treatment Facility that will primarily treat carbon tetrachloride contamination in the groundwater (17 wells)	16	12	11
300-FF-5	Support characterization of the aquifer (11 wells)	1	-	-
Site-wide	Decommission wells that are no longer of service ³ (350 wells)			170

¹ Wells are drilled to varying depths to address contaminants at different depths in the soil.

² When a well is developed, the well screen and riser pipe are placed in the hole, filter pack material is placed around the screen, and the well has been surged and pumped to establish good communication between the well and the surrounding soil.

³ Wells that are inactive or no longer of service are filled with grout or other materials, the casing is removed, and a cap or marker is installed.

200 West Groundwater Treatment Facility

The general contractor, Skanska USA Build, Inc., and their subcontractors placed concrete for the Radiological Facility plinths and two of the crane footings in the Bio-Processing Facility outside pad. Subcontractor George A. Grant continued working site preparation for the four transfer buildings with footing construction at the first extraction building and piers at the second extraction building.

Road crossing construction activities started in the area of the S/SX tank farms. Underground scan and excavation permitting was initiated for the accelerated second phase of road crossings. The document control and engineering teams are moving forward to release Issued for Construction (IFC) packages to the contractors. The project is substantially complete with roll-out of the IFC packages. Follow-up actions to the corporate assessment are in process within the Condition Reporting and Resolution System and approximately 40 percent of follow-up actions have been completed. A 60 percent design review was completed for the S/SX Extraction System on August 4, 2010. The 15-member review team substantially reduced the 60 percent design review time of Extraction Transfer Building 3 by utilizing a one-day "workshop" review process.



Photo 6

Foundation construction continues for the Radiological Facility that will be part of the 200 West Groundwater Treatment Facility that CHPRC is constructing with Recovery Act funding.

DX Groundwater Treatment Facility

Electrical, mechanical, and process equipment installations in the DX facilities are nearly complete. The progress is listed below.

Building	Electrical Equipment (% complete)	Mechanical Equipment (% complete)
Process	100%	100%
Transfer (M1)	100%	100%
Transfer (M2)	100%	100%
Chemical Addition	20%	30%
Electrical Power Rack Tie-In		100%
HDPE Piping Installation		100%

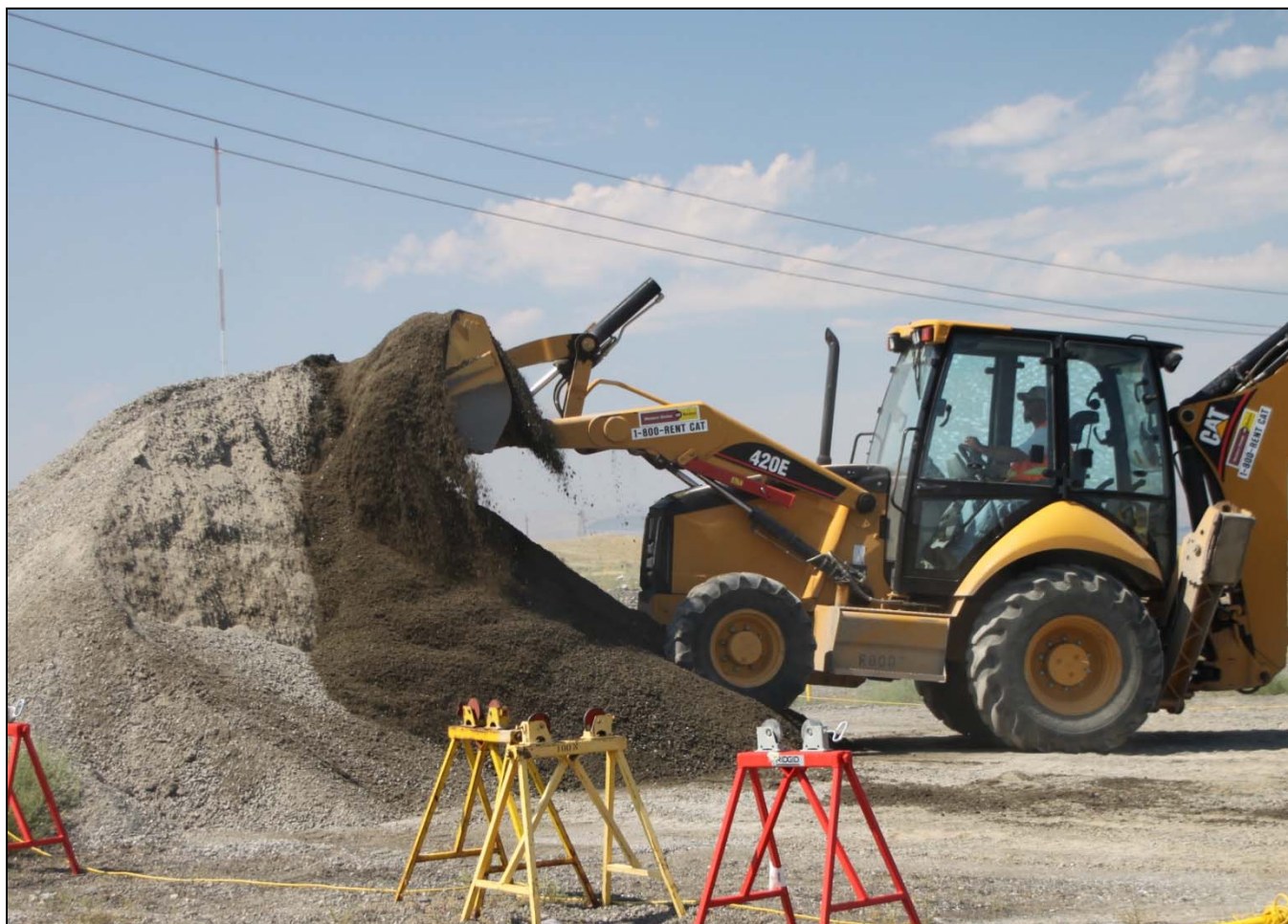


Photo 7

Leftover gravel is collected at the construction site of the DX Groundwater Treatment Facility, where CHPRC is nearly finished with construction.

RL-0040 Nuclear Facility D&D – Remainder of Hanford

RL-0040.R1.1: U Plant/Other D&D

U Canyon

The contract for grout delivery and conveyance was awarded. The first three tasks involving batch plant design, operations and maintenance, and grout design were released for work. Work documents are being prepared for core drilling operations, water feed connections, electrical supply modifications, and haul road work. Asbestos abatement activities are 55 percent complete. The contract for fabrication of a cask to ship the D-10 tank to T Plant was awarded with a projected delivery of late December.

U Plant Ancillary Facilities

Demolition of the 224-U building is complete and the resulting debris is being loaded for disposal. Demolition is still in progress on the 224-UA building, the last of the U Plant ancillary facilities planned for demolition with Recovery Act funding.



Photo 8

Demolition of the 224-U building is complete. As workers load the resulting debris for disposal, demolition of the 224-UA building is ongoing. When removal of these last two facilities is complete, CHPRC will have removed all five of the U Plant ancillary facilities scheduled for demolition with Recovery Act funding.

200 East Core Industrial Area

Demolition and debris load-out at the 272-E Fabrication Shop continued. Construction of an asbestos abatement containment in the 284-E Powerhouse is progressing, as is asbestos removal in the conveyor and crusher house.



Photo 9

The steel structure of the 272-E Fabrication Shop is all that remains of the approximately 20,735-square-foot facility that is being demolished in the 200 East Area.



Photo 10

A worker removes asbestos from piping in the 284-E Powerhouse conveyor structure. The 284-E Powerhouse is one of nine facilities that CHPRC will demolish in the 200 East Area with Recovery Act funding.

200 West Area Industrial Facilities

Planning and characterization activities are ongoing for the demolition of six industrial structures in the 200 West Area. Radiological surveys are being taken for all six structures. Sampling of the 284-W Powerhouse is also in progress.

209-E Criticality Mass Laboratory

The fences surrounding the facility are being removed. Radiological surveys of piping and miscellaneous equipment in the Critical Assembly Room and Mix Room are complete. The resulting data is being analyzed to support characterization activities and determine additional data needs. Characterization of the industrial buildings associated with the facility was initiated and is ongoing. The design for the temporary power to the facility is complete.

RL-0040.R1.2: Outer Zone D&D/Waste Sites

Arid Lands Ecology Reserve (ALE) D&D

Demolition of the 6652-C Space Science Laboratory and the building's foundation is complete. At 6,400 square feet in size, it was one of the largest buildings on the upper area of the ALE Reserve and once served as barracks for the members of the 83rd Battalion Battery C. The resulting debris is being loaded

for disposal. Demolition of 6652-U pump house facility is also complete. Demolition preparations began for the T520-6 Navy MARS Radio Station and 6630 Hodges Well Pump House. Debris site cleanup is also ongoing across the reserve.

North Slope Debris Removal

Planning, development of environmental documents, and cultural reviews continued for removal of debris from the North Slope on the Hanford Site.

D&D of Railcars Located on the 212-R Rail Spur

Planning continued for the path forward for 16 radiologically and chemically contaminated railcars currently staged near the site of the former 212-R facility in the 200 North Area. The *212-N, -P, and -R Facilities Engineering Evaluation/Cost Analysis, Addendum 1: Disposition of Railcars* is out for public comment until mid-August. Data quality objectives and sampling analysis plans are being prepared.

Waste Sites

The following table showcases CHPRC's recent progress in outer zone waste remediation:

Waste Site in Progress	Tons of Contaminated Soil Removed	
	<i>Week Ending Aug. 6, 2010</i>	<i>Total to Date</i>
216-N-6	1,930	3,678
BC Control Area	5,500	165,700

Recent activities regarding the outer zone waste sites also includes (listed by operable unit or site):

- *200-MG-1*
 - 216-S-26: The waste profile is being developed. The contract Statement of Work is in procurement for processing.
 - 600-36: Post-excavation sampling result data is being reviewed.
 - 600-38: Samples are being analyzed.
 - 600-40: Excavation is on hold awaiting process sampling; analyses will take a minimum of two weeks.
 - 600-222: The Confirmatory Sample No Further Action sample instruction has been issued and sample data review indicates that a small amount of retrieve, treat, and disposal (RTD) activity is required. An Advanced Work Authorization was approved.
 - 600-226: Preliminary results indicated RTD will be required. The MG-1 Remedial Action Work Plan (RAWP) needs to be approved prior to the start of excavation.
 - 600-228: Surface sampling is complete; direct push sampling will occur in September.
 - 600-275: Excavation resumed the week of August 2, 2010 with two slabs uncovered.
 - 600-281: Preliminary evaluation indicates RTD will be required. The RAWP needs approval prior to the start of this field excavation.
 - OCSA (Old Central Shop Area): Surface sampling and development of sampling instructions is in progress. Preliminary results indicate that RTD will be required.
 - Planning for RTD activities continued for the 200-W-33 and 600-218 waste sites.
 - Closure documentation is being prepared for the 600-37 and 600-262 waste sites.
- *200-CW-3*
 - 216-N-4: The initial post-excavation radiological survey is complete. The sample instruction was issued with confirmatory post-excavation sampling planned next week.
- *BC Control Area*
 - For Zone A, approximately 44 acres have been excavated and surveyed.
 - For Zone B, radiological down-posting surveys are in process.



Photo 11

An excavator removes soil from the 216-N-6 waste site. The waste site is located in the 200 North Area, near the former 212-NPR Interim Fuel Storage Buildings and a series of railcars that are being evaluated for disposal alternatives.

RL-0041 Nuclear Facility D&D – River Corridor Closure Project

RL-0041.R1.1: 100K Area Remediation

Facility D&D

At the 183KW Sedimentation Basin Complex, demolition and debris load-out continued on the 183.3KW Filter Basin and 183.7KW Pipe Tunnel.

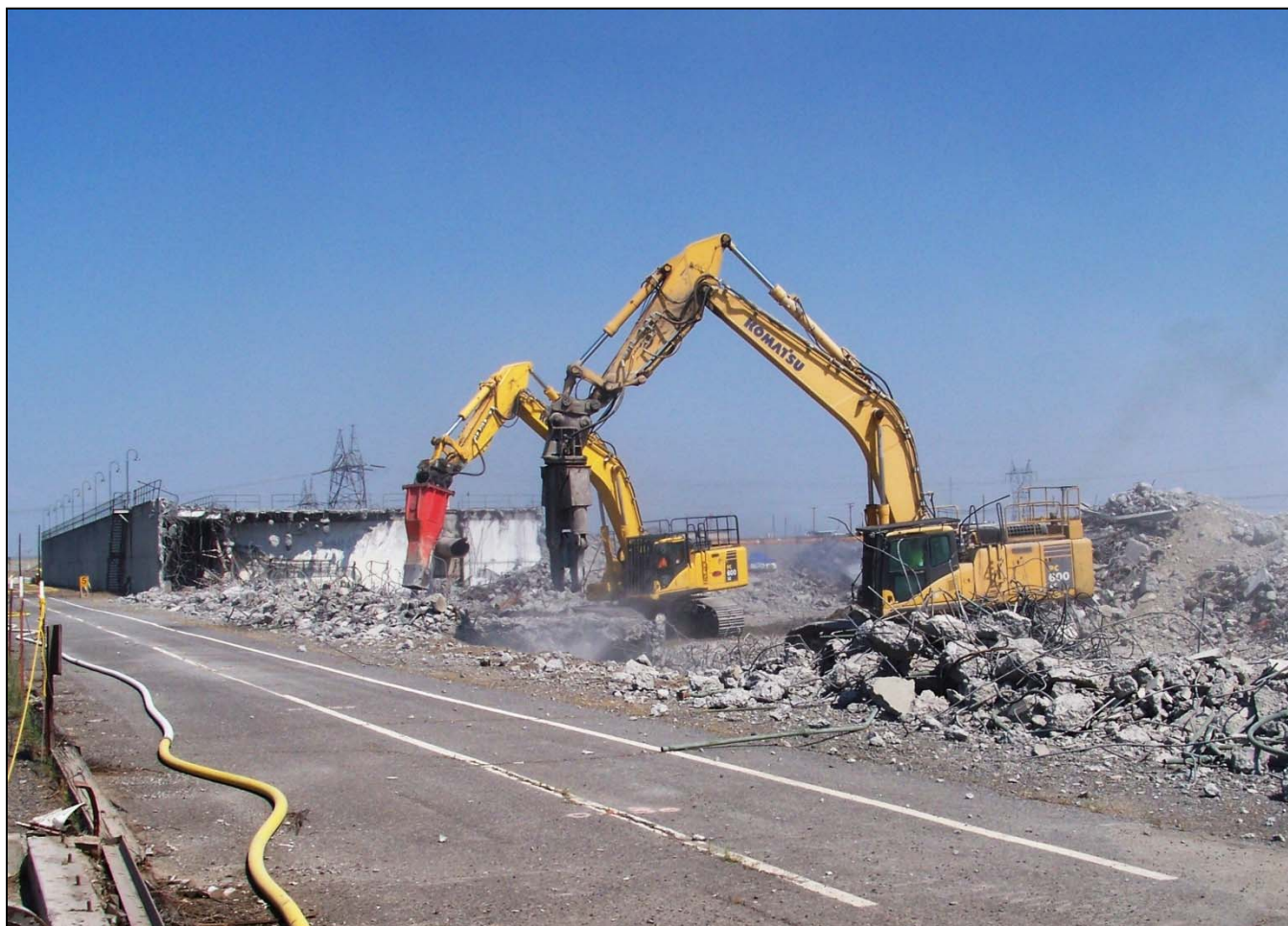


Photo 12

Demolition is nearing completion on the 183.2KW Sedimentation Basin and the 183.7KW Pipe Tunnel, which ran the width of the basin.

Removal of bags of asbestos materials is complete for the 1706KE/KER substructures. Additional hazardous materials removal is being conducted.

Demolition planning is being finalized for the 115KE Gas Drier Building.

The review of the draft preliminary design documents for disposition of the 105KE Reactor is continuing. Two of three sets of documents have been reviewed and comments provided to the design team. Mock-ups are being constructed and used to confirm the planned approach and equipment capability for future disposition activities. Samples from the core borings are being analyzed. Additional reactor characterization through borescope evaluation, radiological survey, and collection of graphite samples continues to be pursued. Asbestos abatement is also ongoing in the reactor building.

Interior duct fabrication and installation continued for the 105KW Fuel Storage Basin facility heating, ventilation, and cooling (HVAC) system upgrade. To date, about 680 feet of duct and 210 feet of insulation have been installed. Construction of forms for placing concrete for the air handling unit was started on the exterior of the 105KW Reactor Building.



Photo 13

Forms are being constructed for a concrete pad that will support the air handling unit for the 105KW Basin heating, ventilation, and cooling system upgrade.

Infrastructure Utilities Upgrade Project

Installation of the fire water and potable water line continued in the vicinity of the 105KW Reactor and the Cold Vacuum Drying Facility; about 3,000 feet of trench has been excavated and 2,400 feet of 8-inch fire water pipe, 430 feet of 12-inch fire water pipe, and 165 feet of 6-inch fire water pipe have been installed to date.

Pipe installation for the fire water and potable water lines for the remainder of the 100K Area is complete with a total of more than 9,500 feet of piping installed - 5,390 feet of 12-inch fire water pipe, 1,046 feet of 6-inch fire water pipe, 2,342 feet of 4-inch potable water pipe, and 760 feet of 3-inch potable water pipe.

Construction of the Water Treatment Facility continued with installation of wall insulation and process piping. The microfiltration unit was received and accepted. Construction of the water storage tank is complete and preparations are being made for painting the tank.

Construction efforts for refurbishment of the A9 Substation continued. Trenching and installation of a new conduit duct bank from the new Switchgear Building to two skids is complete. Planning is under way for switching power from the existing system to the new A9 Substation system.



Photo 14

A worker verifies wire connections inside the control room in the A9 Switchyard.

Waste Sites

The following table showcases CHPRC’s progress in waste site remediation in the 100K Area:

Waste Site in Progress	Tons of Contaminated Soil Removed	
	Week Ending Aug. 6, 2010	Total to Date
100-K-47 (Process Sewer)	-	17,393
100-K-53 (Glycol Heat Recovery Underground Pipelines)	-	350
100-K-56 (Reactor Cooling Water Pipelines)	-	11,843
100-K-63 (100-KW Floodplain)	3,680	9,194
100-K-68 (Pump Gallery and Catch Tank)	-	9,475
100-K-71 (Collection Box)	-	7,569
100-K-102 (French Drains and Mercury Stained Soil near 183KW Sedimentation Basin)	-	10,222
116-KE-3 (Storage Basin French Drain)	-	4,328
120-KW-1 (183-KW Filter Water Facility Dry Well)	4,012	21,164
Below-grade structure/soil removal		
183.1 KW (K West Headhouse)	-	21,240

Closure documentation (Remedial Action Report) is being developed, reviewed, and/or approved by DOE or the regulator for the following waste sites:

- 100-K-37 (Sulfuric Acid Tank)
- 100-K-38 (Caustic Soda Tank)
- 116-KE-6A (Condensate Collection Tank)
- 116-KE-6B (Evaporator Tank)
- 116-KE-6C (Waste Accumulation Tank)
- 116-KE-6D (Ion Exchange Column)
- 118-KE-2 (Control Rod Storage Cave)
- 130-KE-1 (Emergency Diesel Oil Storage Tank)



Photo 15

Excavation of contaminated soils continues at the 100-K-63 waste site, which is a portion of a floodplain near the K West Reactor.

UPCOMING EVENTS

RL-0011 Nuclear Materials Stabilization & Disposition

RL-0011.R1: Plutonium Finishing Plant D&D

- Transfer three access control buildings to the CHPRC D&D Project for demolition.
- Continue removing the inner protected area fence line, razor wire, and perimeter alarm systems, and initiate removal of the original Ecology block vehicle barrier.

- Complete SCO surveys of glove box HC-230C-3, apply contamination fixative within the box, and remove it from building ventilation.
- Provide in-situ size-reduction capability within the former Analytical Laboratory and initiate work on five hoods.
- Continue external isolations and equipment removal from six glove boxes/hoods in room 139 and five hoods in room 144, and complete the disposition of remaining chemicals from room 144.
- Continue isolation and cleanout of two glove boxes/hoods in rooms 180; initiate work on glove boxes in rooms 179 and 188.
- Initiate chemical decontamination of glove boxes in room 235B and glove box HA-46.
- Continue removing process vacuum system piping and initiate removal of process transfer lines.
- Enlarge two doorways and remove the final glove box from room 636 of the 2736-ZB building.
- Complete the removal of large, heavy equipment from six glove boxes in room 642 and remove the first two glove boxes.
- Complete the application of contamination fixative in the 242-ZA control room, resolve ventilation issues in the control room, and initiate isolation and cleanout of glove box WT-2.

RL-0013 Solid Waste Stabilization & Disposition

RL-0013C:R1.1: MLLW Treatment

- Planned shipment of eight drums (1.8 m³) of LLW debris sent from the Central Waste Complex (CWC) to Perma-Fix Northwest (PFNW).
- Planned shipment of four drums (0.8 m³) of MLLW debris from CWC to PFNW.

RL-0013C:R1.2: TRU Waste

- TRU Retrieval
 - 3A burial grounds:
 - Complete portable box assay of Trench 17 Box 82 and newly generated waste boxes from the repackaging activities.
 - Down-post the east end of Trench 17 and excavate the ramp for accessing Box 81.
 - Complete power pole installation and provide permanent power to the burial ground.
 - Remove and ship Trench 17 Box 2 to CWC.
 - Complete Trench 8 site preparation work.
 - Order over-pack containers for Trench 8 non-assay containers.
 - Complete the internal and independent reviews for beginning retrieval operations in Trench 8 and receive approval to proceed.
 - Clear near-surface anomalies and prepare to excavate overburden.
 - 4B/4C burial grounds:
 - Over-pack two previously removed waste containers and prepare them for shipment to CWC and PFNW.
 - Continue operating procedure and work package development start-up activities for the MDU.
 - Complete down-posting of the 4B Trench 7 CAs.
 - Complete AJHA and mock-up for Work Package 2X-10-4470.
 - 12B burial grounds:
 - Complete set-up, alignment, and acceptance testing of the VJ Technologies' real-time radiography (RTR) assay system and drum warming unit (DWU).
 - Complete calibration, confirmation, and verification of the passive/active neutron assay unit.
 - Complete acceptance test procedure and OTP for the DVS 3 and OTP for the DVS2.

- Complete the acceptance testing on the RTR/DWU.
- Validate and approve procedures for excavation, removal venting, waste processing, assay, the weather enclosure (2202E) misting system, and RTR operations.
- TRU Repack
 - Five planned TRUPACT-II shipments.

RL-0030 Soil & Groundwater Remediation, Groundwater/Vadose Zone

RL-0030.R1: Central Plateau Soil & Groundwater

- Continue construction of the 200 West and DX Groundwater Treatment Facilities.
- Continue decommissioning wells across the site.
- Continue drilling at 100-BC-5, 100-HR-3, 100-KR-4, 100-FR-3, 200-ZP-1, and 300-FF-5.
- Continue planning for well installations at the 100-HR-3 operable unit.

RL-0040 Nuclear Facility D&D – Remainder of Hanford

RL-0040.R1.1: U Plant/Other D&D

- Continue demolition and debris load-out of the 224-UA facility.
- Continue asbestos abatement in the U Canyon galleries.
- Continue demolition preparations for the 284-E Powerhouse.
- Continue demolition planning and characterization of the 200 West Area industrial facilities.
- Continue demolition of the 272-E Fabrication Shop.
- Begin demolition of the 275-E Carpenter Shop
- Continue planning and preparations for demolition of the 209-E Criticality Mass Laboratory.

RL-0040.R1.2: Outer Zone D&D/Waste Sites

- Continue removal of debris sites throughout the ALE Reserve.
- Begin demolition of the T520-6 Navy MARS Radio Station.
- Begin cold and dark isolation activities for communication structures 6633 Franklin County Communications Building, 6635 Crown Castle/Cingular Tower and Building, and 6636 Columbia Communication Tower and Building.
- Continue planning and cultural reviews for removing debris from the North Slope.
- Continue remediation in the BC Control Area, 200-MG-1, and 200-CW-3 areas.

RL-0041 Nuclear Facility D&D – River Corridor Closure Project

RL-0041.R1.1: 100K Area Remediation

- Continue demolition of the 183KW Sedimentation Basin structures.
- Continue demolition preparation activities for the 115KE, 117KE, and 1706KE/KER structures.
- Continue debris removal from the 105KW Fuel Storage Basin.
- Continue activities for upgrading the 105KW HVAC system.
- Continue preliminary design and characterization activities for disposition of the 105KE Reactor.
- Continue remediating soil from waste sites.