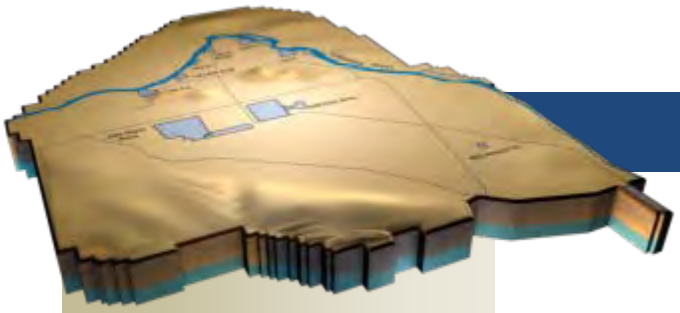
CH2MHILL
Plateau Remediation Company

CHPRC-00913
Rev. 0

ARRA Weekly Report



Week Ending July 2, 2010

July 6, 2010
Contract DE-AC06-08RL14788
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Contents

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 m^3 of suspect transuranic (TRU) waste, eliminate 1,800 m^3 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	1,110 m^3
TRU shipped	144 m^3
Non-radioactive waste shipped	22 m^3
Asbestos removed	~9,500 feet
Ancillary structures demolished or removed	• 17 fuel vaults/ancillary buildings prepared for demolition • 2 structures removed for reuse elsewhere

All the PFP D&D teams are back in the field, following improvements to the project's beryllium control program and recovery from two contamination events. One glove box was removed and five glove boxes and hoods were shipped to the Environmental Restoration Disposal Facility (ERDF) for disposal as LLW.

Photo 1

An IP-2 container is transferred for loading and shipment to the Environmental Restoration Disposal Facility. The shipment included the last three glove boxes/hoods removed from the former Standards Laboratory and two hoods removed from room 141 of the Analytical Laboratory at the Plutonium Finishing Plant.

Laboratory & Processing Areas

Three hoods from room 136 were determined to be LLW. They are awaiting shipment to ERDF with glove box 400, which was also transferred to waste operations last week. In the former processing areas, the crew working in room 227 resumed external isolations on glove box 227-S, while another crew resumed preparations of glove box HC-60 for removal from building ventilation. The Analytical Laboratory D&D crews initiated work on a large glove box in room 145. Twenty-six chemical waste items were removed from laboratory hoods in room 144 and packaged for disposal as MLLW. Preparations for sampling, analyzing, consolidating, and disposing of 30 other items are under way. Work was initiated to provide in-situ size reduction capability within the Analytical Laboratory to disposition five hoods removed from rooms 137 and 149. In the Plutonium Process Support Laboratory, external isolations continued on the glove box in room 180, as did removal of equipment and materials from cabinets and counters throughout the room.

Photo 2

Glove box 400 is removed from the former Radioactive Acid Digestion Test Unit at the Plutonium Finishing Plant. The glove box was loaded into a container and is awaiting shipment to the Environmental Restoration Disposal Facility where it will be disposed of as low-level waste.

Photo 3

Glove box 400 is being transferred to waste operations for loading into a container for shipment to the Environmental Restoration Disposal Facility for disposal as low-level waste.

2736-Z/ZB Vault Complex

A new panel with a larger, 20-inch load-out port was installed on glove box 642-A. The new port will allow larger and heavier pieces of equipment to be removed more easily from the six interconnected processing glove boxes in room 642 of the 2736-ZB building. Preparations to transition the vault complex from its operational/storage safety basis to the PFP D&D document safety analysis are nearing completion, and the facilities are expected to be transitioned by mid-July.

Photo 4

Workers attached a new panel on glove box 642-A in the 2736-ZB building of the Plutonium Finishing Plant. The new port will allow larger and heavier pieces of equipment to be removed more easily from the glove box.

242-Z Americium Recovery Facility

Significant progress was made by the 242-Z D&D team this week. The fire system was declared fully operational, over 35 pounds of blow sand was removed from the air lock and control room, and protective coverings were installed over essential systems. The team initiated application of contamination fixative throughout the airlock, on the west end of the control room, and on glove box WT-2, which is the first glove box scheduled for cleanout and removal.

Ancillary and Security Structures

Shipping plans have been developed to support disposal of 15 fuel storage vaults at ERDF, and they are scheduled to be shipped during July and August. The 2701-ZC and 2701-ZE ancillary structures, which were formerly used as the PFP Protected Area vehicle search facility, were declared excess to the project's needs and turned over to CHPRC's D&D Project for cold and dark preparation and subsequent demolition. Work continued on electrically and mechanically deactivating essential systems in three larger buildings formerly used to control access to PFP. The buildings are expected to be turned over to D&D in mid-July. All five buildings are scheduled to be demolition-ready by mid-August and demolished by the end of September, two years ahead of schedule.

Infrastructure, process support systems, and equipment removal
Initiation of process vacuum system piping removal from the duct level of the 234-5Z building was delayed by the need for repairs and re-inspection of the building's elevator and a leak test failure on the box that will be used for size reducing the removed pipe. Work is otherwise ready to begin on this critical activity.

The chillers for the new air conditioning system were filled with glycol and started up for 48 hours of operational testing; cool air is now flowing throughout the process facilities to help reduce the risk of heat stress and contamination "sweat through" during work in radiological areas of the facilities. Most of the other facility modification projects remain on hold while affected subcontractor employees become qualified to work in beryllium controlled areas, although progress is being made in modifying room 172 for use as a size-reduction station for glove boxes and hoods.

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:

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

There are no planned shipments of the remaining waste currently in storage. Shipping this waste will require additional time to review files and data to determine a path forward for each container.

RL-0013C:R1.2: TRU Waste

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

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

The Waste Retrieval Project continued to work on Box 3 located in 3A Trench 17. Newly generated waste from Box 3 was packaged into a waste box. Down-posting activities were completed on the south 30 feet of the 218-W-3AE burial ground in preparation for power pole installation for permanent electrical power to the 3A burial ground. The new 3A restroom trailer, MO-2315, was placed into operation. The Waste Retrieval Group continued developing new 3A Trench 8 excavation procedures SW-100-201 and -202 and revising retrieval procedure SW-100-163.

The enhanced work planning (EWP), hazard analysis, and work package were completed for placing 24-hour SUMMA canisters in the bottom of 4B Trench 11; the work package to conduct ground-penetrating radar (GPR) survey of 4B Trench 11is being developed.

A neutron tube was installed in the passive/active neutron (PAN) assay unit at the 12B burial grounds. The PAN unit is used for assaying drums that will not get a valid assay using gamma assay. VJ Technologies' real-time radiography (RTR) System and Drum Warming Unit (DWU) are being set up. The RTR is used to determine if prohibited items are contained in a waste drum.

A Multi-RAE Industrial Hygiene monitoring equipment alarm test was conducted in the Simulation Test Site (STS) Trench to determine if the alarm can be heard in the presence of an operating excavator.

Alpha Caisson Retrieval Project
Acquisition plans were completed and the recommendation on the remote retrieval system (RRS) was

finalized. Closeout efforts were completed with the exception of downloading files to the Integrated Document Management System.

TRU Project Drum Repackaging

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

- 1,555 drums (323.5 m³) have been repackaged.
- 57 TRUPACT-II shipments [1,343 55-gallon drums, 24 standard waste boxes (SWBs), two ten-drum over-packs, 95 85-gallon over-packs and 246 drums over-packed into 65 SWBs (397.8 m³ total)] have been shipped.

Photo 5

A shipment of transuranic waste is being prepared for shipment. As of June 2010, CHPRC has completed 57 shipments since March 2010.

A worker positions a lid being placed on top of a ten-drum over-pack container being prepared for shipment.

Photo 6

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

RL-0030.R1: Central Plateau Soil & Groundwater

Well Drilling & Decommissioning

Drilling is complete on all 16 wells planned for installation with Recovery act funding in the 100-HR-3 D Area. Planning is in progress for installing wells in the 100-HR-3 and 100-BC-5 operable units. The following table showcases 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-KR-4	Support characterization of the vadose zone and aquifer (13 wells)	4	2	1
100-HR-3	H Area: Support the optimization of removal of chromium (40 wells)	33	29	29
100-HR-3	D Area: Support the optimization of removal of chromium (16 wells)[3]	16	16	16
M-24	Support characterization of the aquifer (5 wells)	5	4	4
200-ZP-1	Support the 200 West Groundwater Treatment Facility that will primarily treat carbon tetrachloride contamination in the groundwater (17 wells)	15	12	10
300-FF-5	Support characterization of the aquifer (11 wells)	1	-	-
Site-wide	Decommission wells that are no longer of service[4] (350 wells)			168

[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] Final two well locations received State historic preservation officer approval in May. Preparations for drilling are under way.
[4] 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

Major earth work continued. The general construction contractor, Skanska USA Building, Inc., and their subcontractors reached a milestone on July 1 with the substantial completion of the site fill for both the Radiological Facility and the Bio-Processing Facility. The project is using soil from Pit 34, a nearby on-site quarry. The soil is being sifted and then hauled for use as fill at the construction site. The operation lowers costs of purchasing and hauling fill from off-site, reduces on-site truck traffic, and reduces impacts to the environment. Subcontractor George A. Grant continued site preparation for the four transfer buildings that will be a part of the treatment facility. Construction of road crossings is at a hold point with 44 of 47 complete for Phase I. Drilling will have to be completed prior to completion of the last three road crossings. Underground scanning continued as the project moves road crossing activities in the area of the S/SX tank farms. Issued for Construction packages are being released to the contractors – the activity is approximately 45 percent complete. Follow-up actions to the CH2M HILL corporate assessment are in process and approximately 30 percent of follow-on actions have been completed.

Photo 7

An excavator unloads soil from Pit 34 in the 200 West Area into a sifter to separate rocks from usable fill material. The fill material will be used at the construction site of the 200 West Groundwater Treatment Facility. Using fill from the pit reduces costs and environmental impacts of purchasing and hauling new fill to the work site.

Photo 8

A bulldozer loads the fill material into a truck for transport to the nearby 200 West Groundwater Treatment Facility construction site.

DX Groundwater Treatment Facility

Construction of the DX Groundwater Treatment Facility continued with electrical, mechanical, and process equipment installations in the process and two transfer buildings. The progress is listed below.

Building	Electrical Equipment (% complete)	Mechanical Equipment (% complete)
Process	95%	95%
Transfer (M1)	100%	100%
Transfer (M2)	100	99%
Electrical Power Rack Tie-In		100%
HDPE Piping Installation		100%

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

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

U Canyon

Equipment disposition activities continued in the U Canyon with 36 of 40 cells completed and only three of 126 major pieces of equipment remaining to be placed in the process cells. Deck clearing is projected to be completed in mid-July. Radiological surveys of the canyon are 20 percent complete. Sampling of unknown chemicals is being scheduled to support development of a disposition plan. Asbestos abatement activities continued. A contract was awarded for fabrication of the cask needed to ship the D-10 tank to T Plant. Bids are due on July 12 for the grout contract with awarding of the contract expected on July 22.

U Plant Ancillary Facilities

Demolition and debris load-out continued on the 224-U building. The administrative portion and about half of the processing cell side of the facility is demolished. Demolition of the 224-UA building is expected to begin in mid-July.

Photo 9

At the demolition site of the 224-U building, a worker moves a hose used to spray water for dust control during demolition activities.

Photo 10

Demolition of the 224-U building continues. In less than a month, CHPRC has demolished the administrative portion of the facility and about half of the processing cell side.

200 East Core Industrial Area

Demolition of the 2734-EA Gas Cylinder Storage Building was completed. Asbestos abatement on the exterior steam piping of the 284-E Powerhouse is complete and the pipe is ready for removal. Erection of the containment in the main Powerhouse and abatement activities in the conveyor and crusher house continued. Demolition activities at the 272-E Fabrication and Mock-Up Shop included removal of the ancillary structures (fencing, rail track, jib cranes, etc.). Due to migratory bird nesting in the 275-E Carpenter Shop Building, demolition of that facility has been postponed.

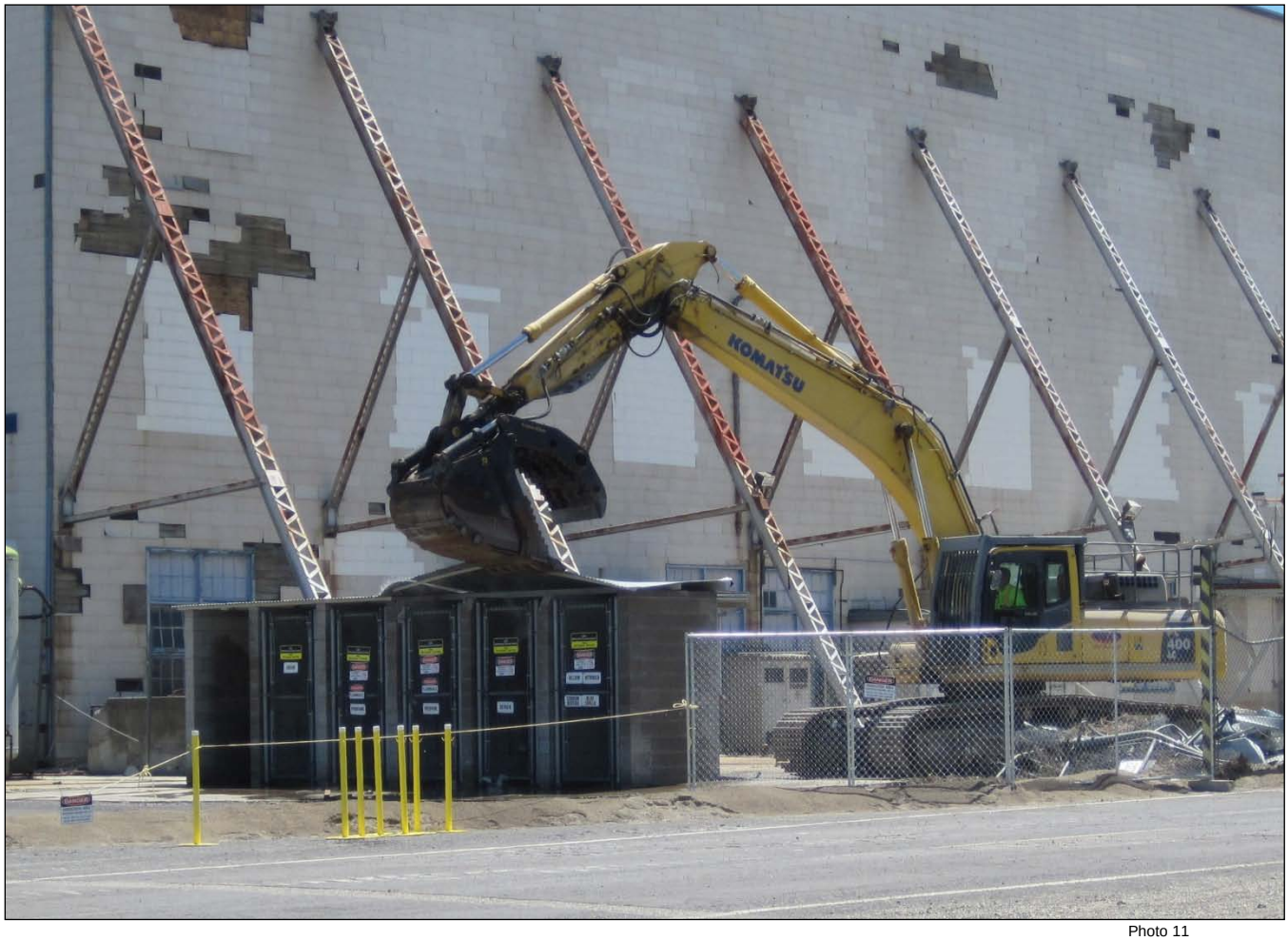

Photo 11

The 2734-EA Gas Cylinder Storage Building just before demolition began. The 168-square-foot structure was demolished the last week of June 2010. CHPRC is also demolishing the 272-E Fabrication and Mock-Up Shop, shown in the background. Both the 2734-EA and 272-E buildings are part of the 200 East Area core industrial facility complex that CHPRC is demolishing with support from Recovery Act funding.

200 West Area Industrial Facilities

Planning and initial characterization activities continued for the demolition of six industrial structures in the 200 West Area. The evaluation of the facilities for the possible presence of beryllium was completed. Four structures will require sampling. Sampling of the 284-W Powerhouse was initiated.

209-E Criticality Mass Laboratory

Life Safety Code upgrades were evaluated by a fire protection engineer and no issues were identified. The National Environmental Protection Act categorical exclusion was approved. Ongoing planning activities include the development of work documents for changing gloves in the glove boxes, replacing filters in the MIX room, activating the CAR room door, as well as fence removal.

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

Arid Lands Ecology Reserve (ALE) D&D

Work included continued demolition of the 6652-C building, cleanup of debris sites, and facility isolation and characterization of the T520-6 Navy MARS Radio Station and 6630 Hodges Well Pump House.

North Slope Debris Removal
Initial planning continued for removal of debris from the North Slope on the Hanford Site. Environmental documents are being prepared and cultural reviews are continuing.

Waste Sites
The following table showcases CHPRC's recent progress in removing contaminated soil from waste sites in the outer zone.

Waste Site in Progress	Tons of Contaminated Soil Removed	
	Week Ending July 2, 2010	*Total to Date*
600-40	-	1,300
216-N-4	1,900	35,900
BC Control Area	7,400	143,000

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

- *200-MG-1*
  - Samples are being analyzed for the following waste sites:
    - 600-36
    - 600-222
    - 216-S-26
  - 600-40: Review of in-process samples indicated additional exaction is needed; the activity is anticipated to start in early July.
  - 600-226: Samples are being analyzed. Preliminary results indicated retrieve, treat, and disposal activities will be required.
  - 600-228: Surface sampling is complete; direct push testing will commence after UPR-600-12.
  - 600-275: Excavation was deferred due to nesting birds in proximity to the waste site.
  - OCSA (Old Central Shop Area): Sampling activities continued.
  - Planning for retrieve, treat, and disposal activities continued for the following waste sites:
    - 200-W-33
    - 600-38.
    - 600-218
    - 600-281
  - Closure documentation is being prepared for the 600-37 and 600-262 waste sites.
- *200-CW-3*
  - 216-N-1: Closure documentation is being prepared for DOE and Regulatory approval.
  - 216-N-4: Excavation is complete pending confirmatory surveys and sampling.
- *BC Control Area*
  - For Zone A, approximately 35.5 acres have been excavated and surveyed. Removal of soil from Zone B is temporarily suspended until the end of the migratory bird nesting season on July 15 to avoid harm to protected species.

Photo 12

Pink flags mark locations that will be surveyed in the 216-N-4 waste site. Last week, remediation crews finished the excavation and placed the flags at equal intervals to indicate where radiological surveys will be taken. Results from the surveys will determine whether the radiological hazards can be down-posted, a major step in waste site remediation. The 216-N-4 waste site is located in the 200 North Area and was once contaminated by releases from the 212-NPR Interim Fuel Storage Buildings, which CHPRC demolished thanks to Recovery Act funding.

Photo 13

Workers survey a tool that was used to help measure the distance between flag markers in the 216-N-4 waste site. The flags were placed at equal intervals to mark radiological survey locations in the waste site.

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

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

Facility D&D

Demolition at the 183KW Sedimentation Basin Complex remained focused on the 183.3KW Filter Basin. Debris load-out is complete for the west half of the Filter Basin. Demolition on the east half of the Filter Basin is about 35 percent complete and debris load-out is beginning.

Photo 14

Demolition of the 183.3KW Filter Basin continues with demolition of the floor and debris load-out on the east half of the Filter Basin.

Interior duct fabrication and installation for the 105KW Fuel Storage Basin facility heating, ventilation, and cooling system (HVAC) upgrade continued. Roof access barriers are being installed on the building's roof in preparation for the upgrade activities. To date, about 350 feet of ducting has been installed.

Asbestos abatement was completed in the 1706KE and 1706KER substructures in preparation for demolition. Analysis of characterization samples from inside various piping systems and components located within radiologically controlled areas of the 115KE Gas Drier Building is ongoing. Planning continued for using explosive demolition techniques to demolish the 116KE Reactor Exhaust Stack and remove two overhead bridge cranes and the counterweights for the C elevator in the 105KE Reactor Building. Submittals from the explosive demolition contractor are being reviewed. Work documents for the demolition have been prepared and are being reviewed for approval.

Preliminary design activities and document preparation for disposition of the 105KE Reactor continued. Preliminary design documents are being reviewed. Samples from the core borings are being analyzed. Additional reactor characterization is being performed through boroscope evaluation, radiological survey, and collection of graphite samples in three access ports when possible.

Infrastructure Utilities Upgrade Project

Final preparations for the import water line continued. Work began for installing actuated control valves, setting and backfilling around valve housings, and removing blow-off valves used for pressure testing and replacing them with brass plugs. Punch-list items are being addressed for the fire water and potable water lines along the southwestern perimeter (inside the fence) of the 100K Area. Fire water and potable water line installation continued in the vicinity of the 105KW Reactor facilities. So far, about 1,390 feet of trench has been excavated and 1,230 feet of 8-inch fire water pipe and 140 feet of 6-inch fire water pipe have been installed. Excavations are being backfilled with controlled density fill and gravel. Construction also continued on the fire water and potable water lines being installed for the remainder of the 100K Area; about 2,440 feet of 12-inch fire water pipe and 2,340 feet of 4-inch potable water pipe have been installed, including four road crossings.

Photo 15

Workers excavate trenches for fire water piping being installed on the west side of 105KW Reactor Building. Approximately 1,390 feet of trenching has been excavated and 1,370 feet of piping has been installed to date.

Construction of the Water Treatment Facility continued. Under-slab backfilling for the building was completed and rebar and concrete forms are being placed in preparation for pouring the building slab. Building floor drains, trenches, and grating were installed. Underground piping was pressure tested. Building structural steel is being received and staged for construction. Off-site fabrication continued for the fire pump, tank, and microfiltration unit.

Photo 16

The recently constructed foundation for a water tank for the Water Treatment Facility that is under construction in the 100K Area.

Component installation continued on the skid frames for the A9 Substation refurbishment. The fourth and fifth skids were installed and are ready for component installation. A total of five skids have been placed in the A9 Switchyard. Skid component installation, trench excavation/conduit installation, and backfilling continued.

Photo 17

Construction of the mobile substations progresses in the A9 Switchyard in the 100K Area. CHPRC has installed five skids to help provide electrical distribution to the 100K Area.

Material procurement is continuing for the 13.8kV electrical line re-route. Contractor pricing information is being reviewed for the change that replaced part of the aerial installation with underground installation. Design work for additional changes is continuing.

Waste Sites

Remediation and soil excavation continued in the 100K Area waste sites. Planning continued for the remediation of waste site 100-K-63 (West Floodplain).Closure documentation (Remedial Action Report) is being developed and/or reviewed 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 18

An excavator demolishes concrete structures beneath the former 183.1KW Headhouse. With the above-ground structure removed earlier this year, remediation crews are removing contaminated soils and below-grade structures. The demolition and remediation are part of the overall Recovery Act-funded effort to remove the 183KW Sedimentation Basin Complex.

UPCOMING EVENTS

RL-0011 Nuclear Materials Stabilization & Disposition

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

- Ship glove box 400 and three hoods from room 136 of the Analytical Laboratory to ERDF.
- Remove various structures around glove box HC-230C-3, apply contamination fixative within the box, and remove it from building ventilation.
- Remove glove box HC-60 from building ventilation.
- Provide in-situ size reduction capability within the former Analytical Laboratory for five hoods removed from rooms 137 and 149.
- Continue external isolations and equipment removal from six glove boxes/hoods in room 139.
- Continue isolation and cleanout of three glove boxes/hoods in rooms 180 and 188.
- Complete cleanout and chemical decontamination of glove box HA-28 and external isolations from glove box HA-46.
- Initiate removal of the process vacuum system piping from the 234-5Z and 291-Z buildings.
- Complete installation and initiate use of a new size-reduction station in room 172.
- Transition the vault complex to the D&D Documented Safety Analysis.
- Enlarge the exit doorways for removal of the 636 glove box from the 2736-ZB building.
- Initiate the removal of shielding and large, heavy equipment from the room 642 glove boxes and removal of equipment from room 641 in the 2736-ZB building.
- Complete the application of contamination fixative in the 242-ZA air lock and control room, replace the “rockstopper” filters on the E-3 system to improve ventilation flow, and initiate isolation and cleanout of glove box WT-2.
- Begin removal of the inner Protected Area fence line, razor ribbon, and perimeter alarm system.

RL-0013 Solid Waste Stabilization & Disposition

RL-0013C:R1.1: MLLW Treatment

- No planned shipments for next week.

RL-0013C:R1.2: TRU Waste

- 3A burial grounds:
  - Receive the new 3A field trailer MO-873.
  - Remove Box 3 from 3A Trench 17 and prepare for shipment to CWC.
  - Finalize 3A Trench 17 Boxes 80/82 repackaging work package (2X-09-3416) and present to the Hazard Review Board.
  - Perform radiological sampling plan on 3A Trench 17 Box 80.
  - Complete posting signs in 3AE for new down-posted boundaries in support of permanent power installation at 3A.
- 4B burial grounds:
  - Complete EWP and hazard analysis for the elevated geophysical survey and survey the 4B Trench 11 off-normal event site.
  - Continue excavator retrofit for use at the event site in Trench 11.
  - Deploy and retrieve SUMMA canisters at the Trench 11 off-normal event site.
  - Conduct elevated subsurface survey mock-up in the STS Trench in support of the Trench 11 off-normal event site.
  - Complete housekeeping and down-post selected contamination areas in Trench 7.

  - 12B burial grounds:
    - Complete installation of the conveyor system.
    - Complete setup and alignment of the 12B RTR System and DWU and the drum venting systems (DVS2 and DVS3).
    - Perform a mock-up of retrieval activities for contact-handled and remote-handled waste drums in the STS Trench.
    - Complete calibration, confirmation, and verification of the gamma and passive/active neutron assay systems.
  - Over-pack two previously retrieved waste containers and prepare them for shipment.
  - Continue the Mobile Radioactive Decontamination Unit operating procedure and work package development startup activities.
- Alpha Caisson Retrieval
  - Present recommendation to the Waste & Fuels Management Project on RRS and award contract.
- TRU Repack
  - No planned TRUPACT-II shipments for next week.

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 M-24, 100-HR-3, 100-KR-4, 200-ZP-1, and 300-FF-5.
- Continue planning for well installations at the 100-HR-3 and 100-BC-5 operable units.

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

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

- Continue demolition of the U Plant ancillary facilities.
- Continue relocating equipment from the U Canyon deck and asbestos abatement in the galleries.
- Continue demolition planning and characterization of the 200 West Area industrial facilities.
- Continue demolition of the 200 East Core Industrial Area facilities.
- Continue demolition preparations for the 284-E Powerhouse.
- 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.
- Continue demolition of the upper ALE facilities 6652-C and 6631.
- Continue cold and dark isolation activities for the ridgeline communication structures.
- Continue planning and characterization of structure 6630, the Hodges Well Pump House and Tank, and the 520-6 Day Wireless Facility.
- Continue planning for removing debris from the North Slope.
- Continue remediation of the BC Control Area, 200-CW-3, and 200-MG-1 waste sites.

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, 116KE, 117KE, 1706KE, and 1706KER buildings.
- Continue debris removal from the K West Fuel Storage Basin.
- Continue activities for upgrading the 105KW HVAC system.
- Continue preliminary design and characterization activities for disposition of the 105KE Reactor.
- Continue activities for isolating 100K Area utilities to support of cold and dark preparations.
- Continue remediating soil from waste sites.