CH2M HILL B&W West Valley Project Update

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Citizen Task Force Meeting
CH2M HILL B&W West Valley

June 25, 2014
Milestone 1 – High-Level Waste Accomplishments

Onsite and Tested

Vertical Cask Transporter - 100% Load Testing June 23 Delivery on June 30

Automatic Welding System Fabrication Complete Weld Testing in June & July July Delivery

TL220 – 25% September Delivery

Low Profile Rail Cart – 25% November Delivery
Milestone 1 – High-Level Waste Accomplishments

High-level Waste (HLW) Storage Pad
- Security cameras and video surveillance system installed
- Completed hydro seeding and area housekeeping
- Butler Construction demobilized
Fabrication of Decon Unit

HLW Canister Decontamination
• Fabricated and tested Canister Decon Unit prototype in Load-In Facility (LIF)

Chemical Process Cell (CPC)
• Inspected CPC with GoPro camera

Equipment Decontamination Room (EDR)
• Peer review in progress on the grout plan
Legacy Waste Disposition Status through May 2014

- Approximately 140,000 ft$^3$ in storage at start of contract
- Processed and shipped ~77,000 ft$^3$ for disposal to date:
  - LLW: 53% complete (70,842 ft$^3$)
  - MLLW: 79% complete (5,000 ft$^3$)
  - Industrial: 100% complete (984 ft$^3$)
  - Hazardous: 100% complete (163 ft$^3$)
- 84 shipments to date
- No shipments in May 2014
Legacy Low-Level (LLW) and Mixed LLW Disposition

- Processing and preparing waste for off-site shipment and disposal
  - Waste Processing Area (WPA)
  - Remote-Handled Waste Facility (RHWF)
- Maximizing cost-efficiency by reusing shielded containers and consolidating RH-LLW
Main Plant Process Building (MPPB) Deactivation

- Liquid Waste Cell – Raschig ring removal from Tank 13D-7 and 13D-8
- Plant Office – Asbestos-Containing Material (ACM) removal – First floor
- Off-Gas Trench – Hatch cover removal
- Analytical Aisle – Hot Cells 4 and 5 floor debris removal, Sample Storage Cell equipment/material removal
- Preparing for dismantlement activities in Extraction Cell-1 (XC-1)
Milestone 3 – Facility Disposition
Accomplishments

Vitrification Facility - Deactivation

• Vacuum Pit Floor debris
• Set up for wash down of Cell and waste loadout
Balance of Site Facilities

- Soil restoration after demolition of Expanded Environmental Lab (E-Lab) and T-FS-04 Building
- Con-Ed Building – Initiated deactivation
Milestone 4 – Site Operations

Accomplishments

Lake 1 and 2 Dam Repairs

- Obtained approvals from the Army Corps of Engineers (ACE) and the New York State Department of Environmental Conservation (NYSDEC) for Lake 1 Spillway repairs
- Coordinating Lake 2 dam repair approvals with ACE and NYSDEC
DOE, NYSERDA and CHBWV supported a West Valley Central School (WVCS) Visit (June 12) and Site Tour (June 13)

CHBWV provided four scholarship checks to WVCS graduating students who were accepted to a four-year college with a focus on science or engineering
Questions?