

West Valley Demonstration Project UPDATE

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Safety Stats

Metric	12-Month Rolling Average
Total Recordable Cases (TRC)	0.00
Days Away Restricted or Transferred (DART)	0.00
Last Lost Time Case Recordable	None
Last Recordable Injury	None





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Cleanup Activities

Phase 1B D&D Scope

- Demolition of remaining near- and below-grade components of the Main Plant Process Building
- Contaminated soils remediation and disposition
- Waste management and legacy waste disposition
- Tank Farm sludge removal
- Safeguards and security
- Environmental monitoring
- Surveillance and maintenance
- Program support activities



Core Sampling

- Completed boring operations (28 holes total)
 - Screened each sample for radiation
 - Safely shipped samples off-site for more specific isotopic analysis
- The WVDP team will use this information to plan and design the soil remediation work scope in the former footprint of the Main Plant Process Building
- Characterization of the soil is part of the preparation work before the demolition of near- and below-grade components of the Main Plant Process Building



Core sampling equipment



Core sample box



Geotechnical Sampling



Retrieving samples to characterize the soil for constructing a retention wall (needed for excavation)



Working alongside a Radiation Control Technician, a geologist outside the work zone records samples



Demolitions

- Safely demolished 28 degraded liners, 17 vitrification (VIT) vault lid sections, 15 SurePaks, and 3 Vitrification Vaults
- Waste Disposition:
 - Debris loaded into 72 approved waste containers
 - Combined weight of 3,172,520 pounds



VIT vault demolitions



Demolitions (cont.)



First Vitrification Facility Vault (VIT Vault) to be demolished (before)



First VIT Vault safely demolished (after)



Demolitions (cont.)



Before demolition of liners, VIT Vault lid sections, SurePaks, and Vit Vaults



Completion of all demolitions (After)



Recent Demolitions



Pump Storage Vault Demolitions – second vault being demolished with hydraulic hammer (front and backside views)



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Demolition Completed



Pump Storage Vault Demolition Completion (different angles)



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Other Work Activities

- Submitted the design for new fire loop
- Submitted 30% design for the onsite rail upgrade
- Disposition of materials no longer needed
- Designing of WMA-1 demolition and excavation approach
- Monitoring and surveillance activities
- Continuing to develop work plan to remove the former Fuel Receiving and Storage facility



A reach-stacker removes a full waste container from the demolition area



QUESTIONS



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