

CHBWV Project Overview Quarterly Public Meeting

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President and General Manager
CH2M HILL B&W West Valley

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Milestone 1 - HLW Relocation

Recent Accomplishments:



Main Pad

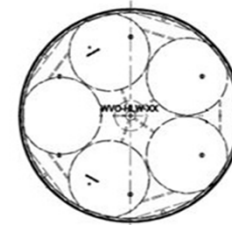
144 feet by 110 feet by 3-foot-thick
133 tons of reinforcing steel,
1,800 cubic yards of concrete

Approach Apron

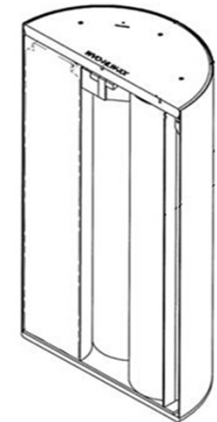
98 feet by 170 feet by 18-inch thick
110 tons of reinforcing steel,
935 cubic yards of concrete



8 Vertical Storage Casks (VSCs)
Completed; 8 more Ordered



8 HLW Over-packs
Being Fabricated



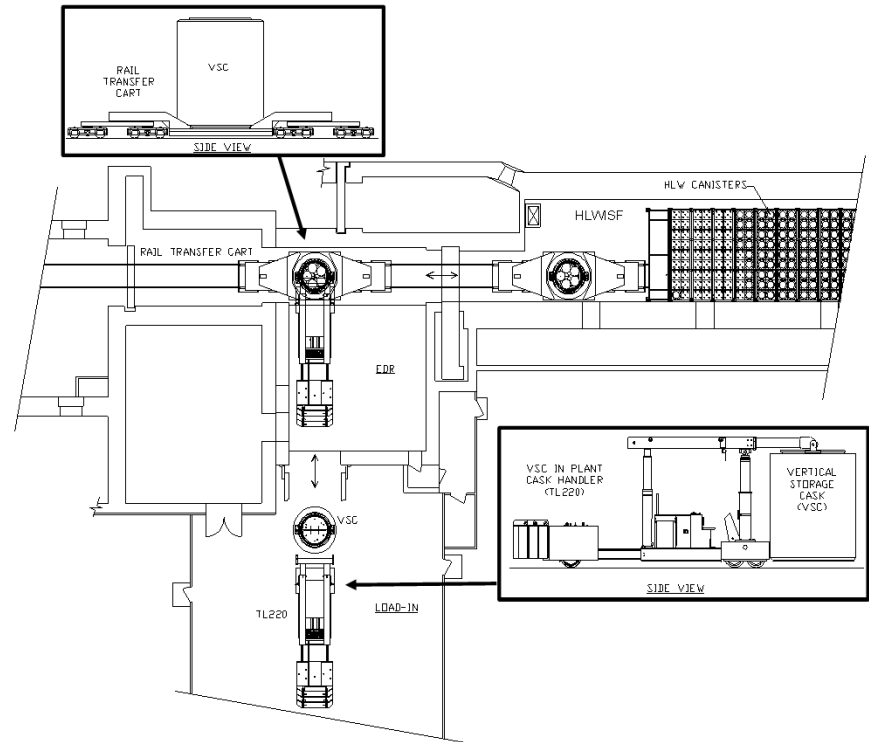
Milestone 1 - HLW Relocation, cont.

Facility and Site Pathway Evaluations Underway

- Roadway between Main Plant Process Building (MPPB) and pad
- Inside MPPB



Haul Path From MPPB



Indoor Canister Removal Pathway

Milestone 1 - HLW Relocation, cont.



Core Boring in the EDR



Testing Load Lowering Device



Scour Pad & Vacuum Decon



Microfiber Mop Decon

Initiated
Modifications for:

Equipment
Decontamination Room
(EDR)

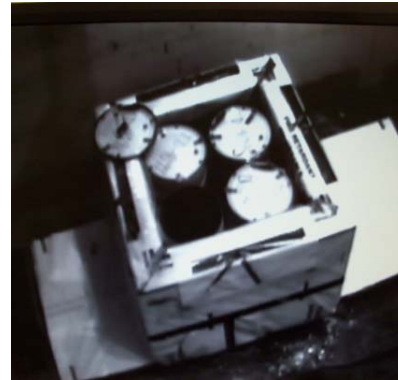
Chemical Process Cell

Load-In/Load-Out
Facility

Milestone 2- Waste Operations

Legacy Low-Level (LLW) and Mixed LLW (MLLW) Processing and Disposition

- Removing first group of Remote-Handled (RH) transuranic (TRU) waste drums from the High Level Waste Interim Storage Facility (HLWISF)
 - 60 of the 80 drums placed in over-pack containers to date
- Waste Processing Area (WPA) Phase I processing campaign is 100% complete
 - 488 containers processed



Remote TRU Drum Removal From HLWISF



Packaged Waste in On-Site Storage

Transuranic (TRU) Waste

- Completed pre-decisional report evaluating options to manage RH- TRU waste and non-high level waste drums

Shipment of Vitrification Melter, Concentrator Feed Make-up Tank (CFMT) and Makeup Feed Hold Tank (MFHT)

- Completed grouting operations
- Completed technical review and submitted award recommendation to procurement
- DOE-EMCBC award approved

Nevada National Security Site

- Completed Annual Independent Self-Assessment with no findings
- NNSA Audit corrective action completed



Melter Grouting Operations



Melter Grouting Operations

Legacy Waste shipped contract-to-date

- Low Level Waste (LLW): 53% complete (70,834 ft³)
- Mixed Low Level Waste (MLLW): 100% complete (4,992 ft³)
- Industrial: 100% complete (984 ft³)
- Hazardous: 100% complete (163 ft³)



Off-site Legacy Waste Shipment

Milestone 3 - Facility Disposition

Continued deactivation and cleanout of Main Plant Process Building (MPPB) and Vitrification Facility

- Completed deactivation of Upper Warm Aisle
- Completed asbestos abatement of Plant Office Building – 2nd & 3rd floor
- Miscellaneous equipment, materials and debris removed from Vit Cell



Upper Warm Aisle after Deactivation



Vit Cell Cleanup Continues

Milestone 4 - Balance of Site Facilities

- Completed waste load-out of the Expanded Environmental Lab
- Completed backfill of New Cooling Tower & Counting Lab areas
- Initiated demolition of miscellaneous structures



E-Lab Footers



Miscellaneous Structures



New Generation Waste Disposition

- Industrial Waste Shipped
 - 141,561 ft³ Contract to Date



E-Lab Demolition and Waste Loadout



Building 01-14 LLW Shipment to Alaron



E-Lab Demolition Waste Loadout

Questions?