



U.S. DEPARTMENT OF
ENERGY

OFFICE OF
ENVIRONMENTAL
MANAGEMENT

WVDP Project Update

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Citizen Task Force Meeting
March 27, 2019

OFFICE OF
ENVIRONMENTAL
MANAGEMENT

Safety



Metric	February 2019 12-Month Rolling Average
TRC (12-Month Rolling Average)	1.71
DART (12-Month Rolling Average)	0.00
Last Lost-Time Case Recordable	April 2017
Last Recordable Injury	January 2019

Milestone 1

- Complete relocation of 275 HLW canisters and 3 non-conforming HLW canisters to Long-term Interim Storage (Completed February 2017)

Milestone 2

- Process, ship, dispose of all Legacy Waste, not including Transuranic Waste (Completed September 2018)

Milestone 3

- Demolish and remove the Vitrification Facility and Main Plant Process Building (Ongoing)

Milestone 4

- Complete all work in Performance Work Statement, including Balance of Site Facilities, Surveillance and Maintenance, and Site Operations (Ongoing)

- Milestone 3 - Main Plant Process Building Deactivation – 96% Completed
- Milestone 4 - Balance of Site Facilities Demolition – 28 of 47 Facilities Completed and Areas Restored (60%)



Vitrification Facility Demolition Milestone 3

- Completed the disposition of Vitrification Facility waste in January

VIT Facility weather protective cover installation



Main Plant Process Building Deactivation (MPPB) – Milestone 3

- Five crews are performing deactivation and decontamination in MPPB
 - Asbestos-containing material (ACM) removal
 - Deactivation in radiological areas
- Major work in the most challenging areas is completed, and deactivation activities continue in the following areas:
 - Vent Wash Room – Completed final cleanup of excess tools, equipment and supplies used to perform deactivation in the area. Removed ACM containment tent from in front of the room.
 - Vent Supply Room – Completed painting and removal of the supply air plenum filters. Applied fixative to the interior of the plenum.
 - Equipment Decontamination Room – Completed repackaging of a shielded waste drum that was from previous 3M-3 door slot cleanup and prepared for additional cleanup of this door slot.



Inside Equipment Decontamination Room

MPPB Demolition

- DOE will keep the demolition of the MPPB in the CHBWV contract.
- CHBWV will continue with deactivation work in the below grade area of the MPPB.



Fuel Receiving and Storage Facility

Demolition of 7 Ancillary Support Structures – Milestone 3

- Three out of seven buildings have been completed:
 - Contact-Size Reduction Facility
 - MSM Repair Shop
 - Laundry Facility
- Next demolitions will be:
 - Utility Room
 - Utility Room Extension
 - Main Plant Office
 - Load-In Facility



Demolition of Demineralizer Tank , Clarifier Tank and Connex trailer removal



Demolition of 7 Ancillary Support Structures – Milestone 3 (Cont.)



Before

Laundry Facility

After



Balance of Site Facilities (BOSF) and Infrastructure – Milestone 4

- Performing deactivation to support removal of 47 Balance of Site Facilities
 - Low-Level Wastewater Treatment O2 Pad demolition started the week of March 18
 - Pre-demolition work continues on Liquid Pretreatment System building located in the NRC-Licensed Disposal Area
 - 28 facilities demolished and areas restored
- Reconfiguring infrastructure for facility demolition and future site needs
 - New electrical substation
 - Phase 2 Summer 2019 (connect to National Grid's new 34.5 kV feed line)



Pre-demolition preparations in the Liquid Pretreatment System Quonset® Hut



Question From Last Meeting

Location of new National Fuel Gas Distribution Line

