



WVDP Project Update

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Citizen Task Force Meeting
April 24, 2019

Safety



Metric	March 2019 12-Month Rolling Average
TRC (12-Month Rolling Average)	2.07
DART (12-Month Rolling Average)	0.00
Last Lost-Time Case Recordable	April 2017
Last Recordable Injuries	March 2019

From April 17, 2017 through March 31, 2019, CHBWV and its subcontractors have worked 1,149,231 work hours (706 days) without a lost-time accident or illness.

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 (Deactivation ongoing, DOE has asked CHBWV to proceed with Main Plant demolition)

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 – 94% Completed (Percentage adjusted for added work scope: PPC-S and GPC)
- Milestone 4 - Balance of Site Facilities Demolition – 29 of 47 Facilities Completed and Areas Restored (62%)



Main Plant Process Building Deactivation (MPPB) – Milestone 3

- Five crews are performing deactivation and decontamination in MPPB
 - Continued asbestos-containing material (ACM) wall plaster material removal from the south wall of the Control Room
 - Continued deactivation in the Chemical Operating Aisle
- MPPB New Scope (added when Main Plant was deferred):
 - General Purpose Cell (GPC) Crane Room (GCR)/GPC Operating Aisle – Performed cleanup in the Miniature Cell and fixative application. Completed GCR cleanup; began repairs on GCR equipment
 - Product Purification Cell South – Prepared for entry to remove interferences/obstructions for aggressive decontamination
 - Fuel Receiving and Storage Facility – Completed restoration of electrical power and inspected the 100-ton bridge crane for High-Integrity Container (HIC) removal. HIC removal is in progress this week. Continued planning for ACM removal



MPPB fourth floor ACM work

Demolition of 7 Ancillary Support Structures – Milestone 3

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



Laundry Facility before and after demolition



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

- Performing deactivation to support removal of 47 Balance of Site Facilities
 - Commenced demolition of Low-Level Wastewater Treatment O2 Pad on March 27
 - Pre-demolition work continues on Liquid Pretreatment System building located in the NRC-Licensed Disposal Area and Utility Room Extension
 - 29 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)



Balance of Site restoration results



Balance of Site Demolitions

Former Low-Level Wastewater Treatment O2 Pad



Demolition of old Low-Level Wastewater Treatment Facility O2 Pad

Former Low-Level Wastewater Treatment 02 Pad



An excavator with hydraulic hammer is used to size-reduce concrete from the demolition of the Low-Level Wastewater Treatment Facility 02 Pad

★ Parked excavator (not in use)