



U.S. DEPARTMENT OF
ENERGY

OFFICE OF
ENVIRONMENTAL
MANAGEMENT

WVDP Project Update

Scott Anderson

President and General Manager

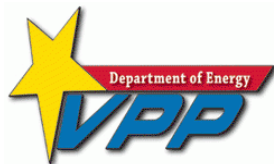
**Citizen Task Force Meeting
January 23, 2019**

OFFICE OF
ENVIRONMENTAL
MANAGEMENT

Safety



Metric	December 2018 12-Month Rolling Average
TRC (12-Month Rolling Average)	0.99
DART (12-Month Rolling Average)	0.00
Last Lost-Time Case Recordable	April 2017
Last Recordable Injury	June 2018



*The CHBWW Team has worked over one million safe work hours since its last lost-time injury.

2018 Accomplishments

- Continued to perform all work safely and compliantly
- Completed Milestone 2 Legacy Waste Disposition seven months ahead of schedule
- Completed demolition of the Vitrification Facility
- Achieved significant progress on deactivation of the Main Plant Process Building for future demolition
 - Completed the removal of the Main Plant ventilation stack
 - Completed MSM Shop and Contact-Size Reduction Facility demolitions
- Completed major site infrastructure upgrades
- Completed demolition of 28 Balance of Site Facilities (28 of 47) and restored those areas to clean and stable sites (i.e., former 9,150 sq. ft. Administration Building demolished September 2018)
- Conducted support initiatives to benefit local communities

Contract Scope

Milestone 1

- Complete relocation of 275 HLW canisters and 3 non-conforming HLW canisters to Long-term Interim Storage

Milestone 2

- Processed, shipped, disposed of all Legacy Waste, not including Transuranic Waste

Milestone 3

- Demolish and remove the Vitrification Facility and Main Plant Process Building

Milestone 4

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

Deactivation and Demolition Progress



- Milestone 3 - Vitrification Facility Demolition – 100% Completed
- Milestone 3 - Main Plant Process Building Deactivation – 95% Completed
- Milestone 4 - Balance of Site Facilities Demolition – 28 of 47 Facilities Completed and Areas Restored (60%)

Vitrification Facility Demolition Milestone 3

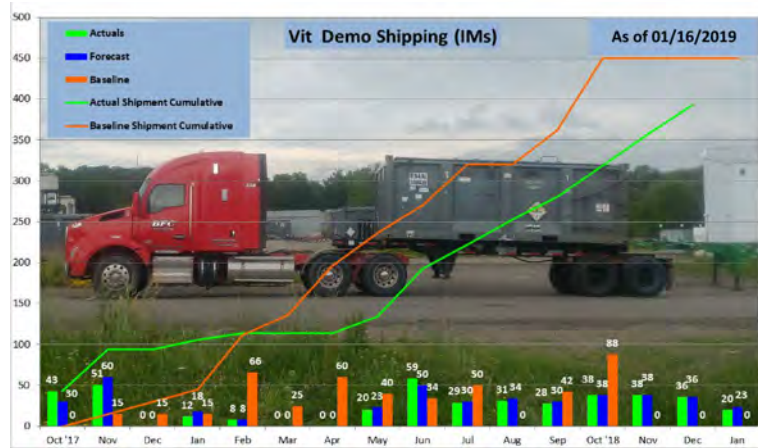
- Waste disposition activities continue (demolition completed September 2018)



Waste disposition in Vitrification Facility demolition area



Vitrification Facility Waste Disposal



Debris Quantity: 416 Intermodals (IMs)
Status: 416 Intermodals Loaded; 413 Intermodals Shipped

Main Plant Process Building Deactivation (MPPB) – Milestone 3

- Six crews are performing deactivation and decontamination in MPPB
 - Asbestos-containing material (ACM) removal
 - Deactivation in radiological areas
- Major areas left for deactivation, which are also the most challenging include
 - Vent Exhaust Cell (VEC) – Completed 36-inch vertical duct separation cutting. Safely loaded pieces in containers for shipment offsite.
 - Vent Wash Room – Completed final fixative application on the room walls, ceiling, and floor.
 - Chemical Process Cell – Commenced fixative application in the CPC to support floor grouting.



36-inch VEC vertical duct cutting

MPPB Deactivation – Milestone 3 (Cont.)



Removing VEC 36-inch duct from MPPB roof



MPPB Deactivation Demolition of Ancillary Facilities



Contact-Size Reduction Facility's dust collector being loaded during demolition

MPPB Deactivation Demolition of Ancillary Facilities (Cont.)



MSM Shop demolition



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

- Performing deactivation to support removal of 47 Balance of Site Facilities
 - North Plateau Pump and Treat System demolished and the area restored
 - 28 facilities demolished and areas restored
- Reconfiguring infrastructure for facility demolition and future site needs
 - Work completed on the new natural gas distribution system
 - 2,800 feet of new pipeline installed
 - New electrical substation
 - Phase 1 completed
 - Phase 2 Spring 2019



Demolition of North Plateau Pump and Treat System



Community Support

- Community Service Donations
 - West Valley Fire District #1: \$70,000
 - Bertrand Chaffee Hospital: \$5,000
 - Mercy Flight: \$5,000
- Annual Community Donations: ~\$12,000
- Annual Food Drive
 - Collected 108,000 pounds of food
 - Food delivered to nine food pantries
 - All done by volunteers
- United Way: \$18,375



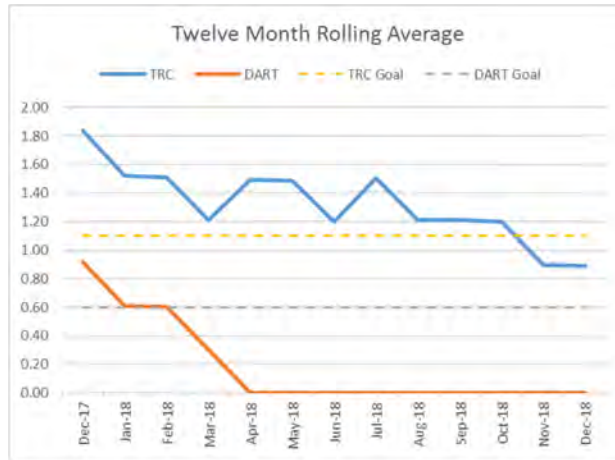
2019 Project Goals

- Perform all Work Safely and Compliantly
- Complete Disposition of Vitrification Facility Waste
- Complete Decontamination and Deactivation of the Main Plant Process Building*
- Complete Demolition of the Remaining Ancillary Support Buildings and Disposition the Demolition Waste
- Complete Nuclear-licensed Disposal Area (NDA) Armoring and Cover Extension
- Complete Demolition, Disposition, and Restoration of 15 Balance of Site Facilities
- Complete Electrical Distribution System Reconfigurations
- Complete Disposition of 50 truckloads of Newly Generated Waste

*Contract modifications underway for deactivation of Fuel Receiving and Storage Facility (FRS) and below-grade cells

2019 Project Goals (Cont.)

- Perform all Work Safely and Compliantly



2019 Project Goals (Cont.)

- Complete Decontamination and Deactivation of the MPPB*



General Purpose Cell



Fuel Receiving & Storage Area

*Contract modifications underway for deactivation of FRS and below-grade cells

2019 Project Goals (Cont.)

- Complete Demolition of the Remaining Ancillary Support Buildings and Disposition the Demolition Waste



2019 Project Goals (Cont.)

- Complete NRC-licensed Disposal Area (NDA) Armoring and Cover Extension

