WVDP
Project Update

Scott Anderson
President and General Manager

Citizen Task Force Meeting
January 23, 2019

Safety

Metric | December 2018 12-Month Rolling Average
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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 CHBWV 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)
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.
MPPB Deactivation – Milestone 3 (Cont.)

Removing VEC 36-inch duct from MPPB roof

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

MPPB Deactivation
Demolition of Ancillary Facilities
MPPB Deactivation
Demolition of Ancillary Facilities (Cont.)

Before

MSM Shop demolition

After

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*

*Contract modifications underway for deactivation of FRS and below-grade cells
• Complete Demolition of the Remaining Ancillary Support Buildings and Disposition the Demolition Waste

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