WVDP Project Update

Scott Anderson
President and General Manager

Citizen Task Force Meeting
January 22, 2020

Metric

<table>
<thead>
<tr>
<th>Metric</th>
<th>December 2019 12-Month Rolling Average</th>
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</thead>
<tbody>
<tr>
<td>TRC (12-Month Rolling Average)</td>
<td>1.07</td>
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<tr>
<td>DART (12-Month Rolling Average)</td>
<td>0.71</td>
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<tr>
<td>Last Lost Time Case Recordable</td>
<td>June 2019</td>
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<tr>
<td>Last Recordable Injury</td>
<td>March 2019</td>
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Confined space rescue training in preparation for Fire Water Storage Tank inspection
FY2019 Accomplishments

- Performed all work safely and compliantly.
- Completed the disposition of Vitrification Facility demolition waste.
  - Completed the installation of a polyethylene weather protective cover over the Vitrification Facility concrete slab, which signified the completion of this work.
- Completed numerous high-hazard work activities in the Main Plant Process Building, including the removal of more than 56,000 pounds of asbestos-containing material.
- Completed the demolition of four ancillary support structures, which included: Manipulator Repair Shop, Contact-Size Reduction Facility, Laundry Facility and Utility Room Extension.
- Completed the demolition of 15 additional Balance of Site Facilities, which included: Low-Level Wastewater Treatment O2 Pad, Liquid Pretreatment System, Waste Tank Farm Condensers and Shelter, and Chemical Process Cell-Waste Storage Area.
  - Also completed the installation of a new natural gas pipeline distribution system; and connected to National Grid’s new 34.5 kV feed line.

Contract Scope

- **Milestone 1**
  - Complete relocation of 278 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 and CHBWV are in discussions regarding impact of delay in MPPB demolition)

- **Milestone 4**
  - Complete all work in Performance Work Statement, including Balance of Site Facilities, Surveillance and Maintenance, and Site Operations (Ongoing)
**Deactivation and Demolition Progress**

- **Milestone 3 - Main Plant Process Building Deactivation** – 98% Completed
- **Milestone 4 - Balance of Site Facilities Demolition** – 43 of 47 Facilities Completed and Areas Restored (91%)

**New Work – General Purpose Cell**

- Operators size-reduce debris inside GPC
- GPC Northwest corner cleaning progress

**General Purpose Cell (GPC)/General Purpose Crane Room (GCR)/General Operating Area (GOA)** – Continued floor debris sweeping/scraping and loadout into waste liners.
New Work – Product Purification Cell - South

Product Purification Cell - South – Aggressive decontamination started on January 6. Prior to this work, employees removed interference/obstructions, reconfigured the roller conveyor for waste handling, constructed a waste loadout containment tent at North access door, and set up a compressor and nitrogen tank for aggressive decontamination.

New Work – Fuel Receiving and Storage Facility

Fuel Receiving and Storage (FRS) Facility – Completed the removal of asbestos-containing material. Continue post cleaning in the south aisle to support final asbestos-containing material removal clearance sampling. Obtaining final coupon samples for characterization from the air-gapped pool water circulation piping.
To date, five out of seven buildings have been completed:
- Contact-Size Reduction Facility
- Manipulator Repair Shop
- Laundry Facility
- Utility Room Extension
- Main Plant Office Building (waste disposition is ongoing)

Next demolitions:
- Utility Room
- Load-In

Schedule:
- Utility Room: February 2020
- Load-In: *2023

*Will be used during Main Plant demolition
Ancillary Support Building Demolitions

Contact-Size Reduction Facility and Manipulator Repair Shop demolitions

Utility Room Extension demolition

Laundry Facility demolition

Demolitions and Deactivation – Milestone 3

Load In/Load Out Facility

MPPB Stack

Fuel Recycling and Storage Facility

Future Removal Planned

Deactivated

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

- Performing deactivation to support removal of 47 Balance of Site Facilities
  - Completed the demolition of the Chemical Process Cell–Waste Storage Area (CPC-WSA) building (restoration ongoing)
  - 43 facilities demolished and areas restored

- Reconfigured infrastructure for facility demolition and future site needs
  - Connected to National Grid's new 34.5 kV feed line on August 23 (Phase 2)
  - Previous work has included: new Data Center, Potable Water System, Natural Gas Distribution System, and Electrical Distribution System

Liquid Pretreatment System building demolition
Waste Tank Farm Equipment Shelter demolition

Balance of Site Facilities (BOSF) Demolitions – Milestone 4

CPC-WSA demolition
VIT Vault demolition
2019 Community Support

• Community Service Donations
  • West Valley Fire District #1: $80,000
  • Bertrand Chaffee Hospital: $5,000
  • Mercy Flight: $5,000

• Annual Community Donations:
  ~$12,000

• Annual Food Drive
  • Collected 111,000 pounds of food
  • Food delivered to nine food pantries
  • All done by volunteers

• United Way: $22,865

FY2020 Goals

• Perform all work safely and compliantly.
• Complete demolition and disposition of the remaining ancillary support buildings (Main Plant Office Building and Utility Room).
• Complete demolition, disposition, and restoration of the remaining Balance of Site Facilities.
• Complete deactivation activities in the General Purpose Cell, Product Purification Cell, and Fuel Receiving and Storage facility and complete disposition of the waste.
• Begin demolition of the Main Plant Process Building.
• Re-establish the capability to execute rail shipments from WVDP.