WVDP Project Update

Joseph Pillittere
Communications Manager

Citizen Task Force Meeting
June 28, 2018
## Safety

### Safety Day (June 20)

<table>
<thead>
<tr>
<th>Metric</th>
<th>May 2018 12-Month Rolling Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRC (12-Month Rolling Average)</td>
<td>1.63</td>
</tr>
<tr>
<td>DART (12-Month Rolling Average)</td>
<td>0.00</td>
</tr>
<tr>
<td>Last Lost-Time Case Recordable</td>
<td>April 24, 2017</td>
</tr>
<tr>
<td>Last Recordable Injury</td>
<td>April 16, 2018</td>
</tr>
</tbody>
</table>
Milestone 1

☑ Complete Relocation of 275 HLW Canisters and 3 Non-conforming HLW Canisters to Long-term Interim Storage (Completed)

Milestone 2

• Process, Ship, Dispose of all Legacy Waste, not including Transuranic Waste (TRU) (Ongoing)

Milestone 3

• Demolish and Remove the Main Plant Process Building and the Vitrification Facility (Ongoing)

Milestone 4

• Complete All Work in Performance Work Statement, including Balance of Site Facilities, Surveillance and Maintenance, and Site Operations (Ongoing)
Milestone 2 (95% Complete)

• Process, ship and dispose Legacy Waste
  • Overall Legacy Waste status
    • 173,947 ft³ of LLW shipped
    • Approximately 7 shipments remain
  • Two of the three large vessels remain
    • Reboiler is ready for shipment on June 28
    • Work to process, size reduce, and package Dissolver is 90% complete
• Planned completion July 2018
Milestone 3 - Vitrification Facility (VF) Demolition – 72% Completed
Milestone 3 - Main Plant Process Building (MPPB) Deactivation – 88% Completed
Milestone 4 - Balance of Site Facilities Demolition – 22 of 47 Facilities Completed
Milestone 3 – Vitrification Facility

- Demolition began on September 11, 2017
  - Phase 1 Completed (November 2, 2017)
    - Outer access aisles
  - Phase 2 Completed (June 26, 2018)
    - Process Cell (completed)
    - In-Cell Coolers (completed)
    - Shield Windows (completed)
  - Phase 3 (Ongoing)
    - Crane Maintenance Room Shield Door
    - Transfer Tunnel Door
    - Three cranes and equipment
    - South Wall
    - Secondary Filter Room Roof

- Planned completion August/September 2018
Vitrification Facility
Phase 2 Demolition

Vitrification Facility Demolition, June 7
Excavators with hydraulic hammers demolish west and east walls
Vitrification Facility Demolition, June 13
Excavator preparing demolition debris for loading
Vitrification Facility Demolition, June 13
Shield door lowered as part of demolition process
Vitrification Facility
Phase 2 Demolition

Vitrification Facility Demolition, June 27
Vitrification Facility Waste Disposal

Expected Debris Quantity: ~450 Intermodals (IMs)
Status: 243 Intermodals Loaded; 174 Intermodals Shipped
Milestone 3 – Main Plant Process Building

- 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 difficult
  - Vent Exhaust Cell – Completed the stabilization of the two main ventilation blower units
  - Process Mechanical Cell – Completed fixative application on the upper walls and ceiling
  - Vent Wash Room – Commenced vacuuming of debris from the floor of the scrubber unit
  - Chemical Process Cell – Continued packaging waste in lift bags in the cell into a waste container

- Overall Status: 88% Deactivated

- Planned completion November 2018
Balance of Site and Infrastructure

Milestone 4

• Performing deactivation to support removal of 47 Balance of Site Facilities
  • 22 facilities demolished and areas restored

• Reconfiguring Infrastructure for facility demolition and future site needs
  • New electrical substation
    • Completed 90% of installation of 35Kv electrical reroute from Utility Room/Utility Room Extension
    • Working on new substation changeover
    • Final tie-in expected in July
  • Planning underway for new natural gas distribution system
  • Rail Spur upgrades scheduled for Summer/Fall

Work on electrical reroute continues across the site
Follow-up From Last Meeting
Water Management Features

Berm
Water Management Features (Cont.)

Fracturing (FRAC) tank storage units