WVDP
Project Update

Scott Anderson
Deputy General Manager

Citizen Task Force Meeting
April 25, 2018

Safety

<table>
<thead>
<tr>
<th>Metric</th>
<th>April 2018 12-Month Rolling Average</th>
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</thead>
<tbody>
<tr>
<td>TRC (12-Month Rolling Average)</td>
<td>1.33</td>
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<tr>
<td>DART (12-Month Rolling Average)</td>
<td>.33</td>
</tr>
<tr>
<td>Last Lost-Time Case Recordable</td>
<td>April 24, 2017</td>
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<tr>
<td>Last Recordable Injury (arm strain)</td>
<td>November 28, 2017</td>
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**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)*

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**Legacy Waste Processing**

Milestone 2 (93% Complete)

- Process, ship and dispose Legacy Waste
  - Overall Legacy Waste status
    - 159,244 ft³ of 165,515 ft³ LLW shipped (96% complete)
    - Approximately 20 shipments remain
  - Three large vessels in Chemical Process Cell-Waste Storage Area (CPC-WSA)
    - Dissolver transferred to Remote-Handled Waste Facility and is being size reduced
    - Reboiler outer vessel has been processed and is ready for shipment in June
    - Separator was shipped offsite for treatment and disposal
  - Planned completion August 2018

A large box containing the Dissolver is transferred into the Remote-Handled Waste Facility
Milestone 3 – Vitrification Facility

- Demolition began on September 11, 2017
  - Phase 1 Completed (November 2, 2017)
    - Outer access aisles
  - Phase 2 is ongoing
    - Process Cell
    - Shield Doors
    - South Wall
  - Phase 3
    - Crane Maintenance Room
    - Tunnel
    - Secondary Filter Room
- Planned completion Summer

Milestone 3 - Vitrification Facility (VF) Demolition – 61% Completed
Milestone 3 - Main Plant Process Building (MPPB) Deactivation – 86% Completed
Milestone 4 - Balance of Site Facilities Demolition – 20 of 47 Facilities Completed
Vitrification Facility
Phase 2 Demolition

Removal of Vitrification Facility roof steel beam
April 23, 2018

Vitrification Facility
Phase 2 Demolition

Demolition of Vitrification Facility roof
April 23, 2018
Vitrification Facility Waste Disposal

Expected Debris Quantity: ~450 Intermodals (IMs)
Status: 156 Intermodals Loaded; 114 Intermodals Shipped

MPPB Deactivation

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
  - Process Mechanical Cell
  - Vent Wash Room
  - Chemical Process Cell
- Overall Status: 86% Deactivated
- Planned completion November 2018
Milestone 4
• Performing deactivation to support removal of 47 Balance of Site Facilities
  • 20 facilities demolished to grade
  • 89% of ancillary areas deactivated
• Reconfiguring Infrastructure for facility demolition and future site needs
  • Completed fire water line repairs near Utility Room
  • Site on new potable water distribution system
  • New electrical substation
    • Completed 90% of installation of 35kV electrical reroute from Utility Room/Utility Room Extension
    • Working on new substation changeover
    • Expect to be operational in April
  • Rail Spur upgrades scheduled for Summer/Fall

Follow-up from Last Meeting
New Potable Water System
Well Locations