WVDP Project Update

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Deputy General Manager

Citizen Task Force Meeting
October 25, 2017

Safety

<table>
<thead>
<tr>
<th>Metric</th>
<th>September 2017 12-Month Rolling Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRC (12-Month Rolling Average)</td>
<td>1.67</td>
</tr>
<tr>
<td>DART (12-Month Rolling Average)</td>
<td>1.0</td>
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<tr>
<td>Last Lost-Time Case Recordable</td>
<td>April 2017</td>
</tr>
<tr>
<td>Last Recordable Injury</td>
<td>August 2017</td>
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## Contract Scope

**Milestone 1**
- Complete relocation of 275 HLW canisters and 3 non-conforming HLW canisters to long term interim storage *(complete)*

**Milestone 2**
- Process, Ship, Dispose of all Legacy Waste, not including Transuranic Waste (TRU)

**Milestone 3**
- Demolition and Removal of Main Process Plant Building and the Vitrification Facility

**Milestone 4**
- Complete All Work in Performance Work Statement, including Balance of Site Facilities, Surveillance and Maintenance, and Site Operations

## Legacy Waste Processing

**Milestone 2**
- Process, ship and dispose Legacy Waste
  - Starting inventory of 3,114 containers
    - Low-level waste
    - Mixed low-level waste
  - Processing “campaigns”
    - Similar waste
    - Similar containers
    - Three processing areas currently in use
  - Accelerated offsite waste shipments in 2017
    - 21 of 21 shipments complete
  - Overall Legacy Waste status
    - 124,092 ft³ of 165,515 ft³ shipped
    - Approximately 40 shipments remain

![MS2 LLW Containers](image)
Milestone 3 – Vitrification Facility

- Demolition began September 11, 2017
  - Phase 1 nearly complete
    - Outer access aisles
  - Phase 2
    - Process Cell
    - Shield Doors
    - South Wall
  - Phase 3
    - Crane Maint Room
    - Tunnel
    - Secondary Filter Room

- Planned completion March 2018
Vitrification Facility

- Play Vit Demo Video

Vitrification Facility Waste Disposal

Expected Debris Quantity: ~450 Intermodals
Status: 60 Intermodals Loaded; 15 Intermodals Shipped
Milestone 3 – Main Plant Process Building

- Seven crews are performing deactivation and decontamination in MPPB
  - Asbestos-containing material (ACM) removal
  - Deactivation in radiological areas
- Several areas now demolition-ready
  - Extraction Cells 1, 2, and 3
  - Hot Cells 1-5
  - Liquid Waste Cell
- Overall Status: 79% Deactivated

Balance of Site and Infrastructure

Milestone 4

- Performing deactivation to support removal of 47 Balance of Site Facilities
  - 19 facilities demolished and areas restored to date
- Reconfiguring Infrastructure for facility demolition and future site needs
  - New water treatment building construction complete
    - Completed “punch list” items
    - System in final checkout
    - Expect to be operational before winter
  - New data center building installed
    - Completing setup
    - Expect to be operational before winter
- Rail Spur upgrades
  - Vegetation cleared
  - Preparing to begin upgrades in Spring