Safety Performance

- As of April 19, 2010, WVDP employees have worked more than 2.4 million hours without a lost-time accident or illness

- First Aids
  - An operator received a minor laceration to the right index finger when another employee cut a tag off of an eyebolt with scissors. The operator’s finger was cut during this process (March 3)
  - No first aids in April

- TRC is 0.2 and the DART is 0.2
Project Update: Main Plant Process Building (MPPB)

• Extraction Cell-1(XC-1)
  – Completed lifting one of two hatches, wrapped and staged
  – Continued core drilling on lower bore from XC-2 into XC-1; broke through stainless steel liner
  – Deploy mechanical arm in May through ceiling hatch
    • Remove 9 vessels and more than 1 mile of piping

Bird's Eye View – The ceiling hatches on top of the XC-1 is outlined in this photo.

Project Update: Main Plant Process Building (MPPB)

• Off-Gas Cell
  – Decontamination activities in the Off-Gas Cell in the Main Plant Process Building are approximately 80% complete and are on target for completion in mid-May

• Process Mechanical Cell
  – Using Nitrocision® technology in the Process Mechanical Cell

Deploying remote-operated scabbler equipment and tooling (above) on the Off-Gas Cell walls (below) will reduce dose rates in the cell.
Project Update: Main Plant Process Building (MPPB)

- **MPPB Deactivation**
  - Three Cold & Dark crews – 20 specialized operators – are working to remove piping, asbestos, ventilation systems, etc.

Main Plant Upper Extraction Aisle racks and piping removal

Project Update: Asbestos Removal

- Asbestos removal activities are ongoing in multiple areas of MPPB to prepare facility for demolition
  - Removal of asbestos conducted under strict OSHA guidelines
- Elevated air sampler observed outside asbestos work area in late February
  - 4th floor area closed off to perform cleanup
  - Cause determined to be asbestos fibers disturbed during work activities
  - Continuing to monitor work areas and "lock down" asbestos fibers that pose an airborne contamination hazard
Project Update: Tank & Vault Drying

Ventilation Line Replacement Underway

- Completed test excavations to verify underground line locations
- Removed two of the four 8-inch ventilation lines leading from the condenser to the HLW Tank Farm underground ventilation header; excavation planned to begin in the first week of May
- Received and installed the Rotary Dryer
- Installation of the above-ground ventilation piping began on April 26

Project Update: Waste Management

- Waste Processing Statistics as of March 31, 2010
  - Processed 71,939 ft³ of legacy (stored) low-level waste (LLW) (not ARRA)
  - Processed 38,835 ft³ of Transuranic waste
  - Disposed of 47,079 ft³ of LLW

ARRA Work

- Completed two shipments to Energy Solutions of newly-generated LLW resulting from MPPB deactivation and decontamination for offsite disposal under ARRA
  - 28 waste boxes
  - 2,800 ft³ of LLW

Contact-handled success – Three “slab tanks” that posed a potential risk from airborne contamination were safely processed in one of the WVCP’s contact-handled facilities.

Robotic Tooling – A Brokk®, pictured in the foreground below, is being used in the VF for waste processing. It can hold a saw or various other tools for remote work.
Project Update: Sr-90 Plume Mitigation

One Pass Trencher – A trencher capable of excavating and backfilling the trench in a continuous motion will be used to construct the PTW.

<table>
<thead>
<tr>
<th>Now – June / July</th>
<th>May / June</th>
<th>July / Aug</th>
<th>Sept / Oct</th>
<th>Nov / Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Procurements</td>
<td>Zeolite</td>
<td>Site</td>
<td>PTW</td>
<td>Monitoring well</td>
</tr>
<tr>
<td></td>
<td>Trencher</td>
<td>preparation</td>
<td>installation</td>
<td>installation</td>
</tr>
<tr>
<td></td>
<td>General (construction) contractor</td>
<td></td>
<td>Includes capping, general cleanup</td>
<td></td>
</tr>
</tbody>
</table>

Other News

- DOE issued the Record of Decision (ROD) on the Decommissioning and/or Long-Term Stewardship at the West Valley Demonstration Project and Western New York Nuclear Service Center

- DOE Solicitations