WVDP
Project Update

John Rendall
President and General Manager

Citizen Task Force Meeting
June 24, 2020
(Virtual)

Prior to COVID-19
Representatives from DOE, CHBWV and Cattaraugus County Sheriff’s Department recognize Captain James Madden for his life-saving response to a fellow officer.

### Safety

#### Metric

<table>
<thead>
<tr>
<th>Metric</th>
<th>June 2020 12-Month Rolling Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRC (12-Month Rolling Average)</td>
<td>0.00</td>
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<tr>
<td>DART (12-Month Rolling Average)</td>
<td>0.00</td>
</tr>
<tr>
<td>Last Lost Time Case Recordable</td>
<td>March 20, 2019</td>
</tr>
<tr>
<td>Last Recordable Injury</td>
<td>March 27, 2019</td>
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### Contract Scope

**Performance Based Incentive 1 (PBI #1)**
- Demolish and remove the Main Plant Process Building *(Deactivation ongoing)*

**Performance Based Incentive 2 (PBI #2)**
- Complete all work in Performance Work Statement, including Balance of Site Facilities, Surveillance and Maintenance, and Site Operations *(Ongoing)*
Deactivation and Demolition Progress

• PBI #1– Main Plant Process Building Deactivation – 98% Completed
• PBI #2– Balance of Site Facilities Demolition – 44 of 47 Facilities Completed and Areas Restored (94%)

PBI #1– 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) – Performed additional patching of wall cracks in the General Purpose Crane Room Extension (GCRE) in an attempt to mitigate water infiltration. Installed new hoist on Equipment Decontamination Room (EDR) crane which is needed to support waste container movement. Continue to perform de-watering of the GCR due to surface water infiltration through GCRE deteriorated walls.
PBI #1– General Purpose Cell

General Purpose Cell (GPC)/General Purpose Crane Room (GCR)/General Operating Area (GOA) – Before and after photos of ongoing cleanup.

Before (12/05/19)

After (1/28/20)

PBI #1– Product Purification Cell - South

Product Purification Cell - South – Aggressive decontamination with Nitrocision® was performed on the south wall of the cell prior to COVID-19.

(L) An operator inside the PPC-S checks the lower portion of a wall before beginning operations.

(R) Nitrocision® box is positioned on an upper portion of the PPC-S wall.
PBI #1– Fuel Receiving and Storage Facility

**Fuel Receiving and Storage (FRS) Facility** – Completed asbestos-containing material removal and air-gapping of utility piping inside the FRS and characterization/stabilization of pool water circulation piping.

PBI #1– Vent Wash Room

**Vent Wash Room** – Set up a mockup for the pump that will provide water to the concrete cutting diamond chainsaw. This saw will be used to cut an access opening into the east wall.
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

Next demolitions:
- Utility Room *July 2020
- Load-In **2023

*Schedule contingent on Phase 2
**Will be used during Main Plant demolition

Demolitions and Deactivation – PBI #1

Verification Facility
CURF MTAB
Load In/Load Out Facility
MPPB ORGC
MPPB Stack
Load Out Facility

Removal Completed
Removal Planned for 2020
Deactivation Planned for 2020
Ancillary Support Building Demolitions
Utility Room – PBI #1

Performed air-gapping of isolated electrical conduits between the MPPB and Utility Room. Completed final outage and transfer of loads to MCC-008. Heavy-duty equipment has been mobilized and prepared for demolition.

Balance of Site Facilities (BOSF) and Infrastructure – PBI #2

• Performing deactivation to support removal of 47 Balance of Site Facilities
  • Chemical Process Cell–Waste Storage Area (CPC-WSA) was the last structure to be demolished before COVID-19
  • 44 facilities demolished and areas restored
• Look Ahead:
  • Complete gravel removal and restoration of CPC-WSA area
  • Remove Schoolhouse septic tank and well, and restore area
Remote-Handled Waste Facility – PBI #2

Remote-Handled Waste Facility – Performed contact-handled waste processing activities in the Waste Processing Area. Two of seven containers were completed.

After COVID-19
The COVID-19 pandemic resulted in the curtailment of work activities at DOE sites across the United States.
- In response, the DOE provided CHBWV contract direction to implement a partial stop work order on March 20, 2020.

On March 26, the Department of Energy safely and efficiently transitioned the site and Ashford Office Complex to an Essential Mission Critical Activities level of onsite staffing. This means that onsite personnel are limited to just those individuals necessary to maintain Essential Mission Critical operations.
- Essential Mission Critical operations activities include, but are not limited to, critical compliance inspections, environmental monitoring, mitigation of emergent conditions, accounting, payroll, security and critical preventative maintenance.

CHBWV implemented the maximize use of off-site teleworker support for other activities.

Off-site individuals remain on-call in the event they are needed to support in-person emergent work.

- Potable water sampling
- Dam inspection
- Essential Mission Critical Activities
Work on additional office space to increase social distancing

Offloading materials and supplies

Lawn mowing
Essential Mission
Critical Activities

Site maintenance
Procurement

Payroll
Admin. Support
Document Production
Phase 1 Resumption of Work

- The West Valley Demonstration Project began Phase 1 on Monday, June 8, after receiving approval from the U.S. Department of Energy (DOE) on Thursday, June 4.

- Phase 1 in-house staffing levels approximately 40 percent of the total workforce; and telework provisions will continue to the extent practicable.

- Phase 1 entails high-priority and/or low-risk operations/activities. Work in this phase should generally involve low risks considering potential implications from an environmental, safety and health perspective.

Pre-job briefing with employees and an outside vendor includes information on COVID-19 protocols.