U.S. DEPARTMENT OF ENERGY | OFFICE OF ENVIRONMENTAL MANAGEMENT

WVDP
Project Update

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Deputy General Manager

Citizen Task Force Meeting
March 24, 2021
(Virtual)

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Safety

Employee Briefing on DOE's Workplace Safety Plan

Metric	Feb. 2021 12-Month Rolling Average
Total Recordable Cases (TRC) (12-Month Rolling Average)	0.40
Days Away Restricted or Transferred (DART) (12-Month Rolling Average)	0.00
Last Lost Time Case Recordable	March 20, 2019
Last Recordable Injury	January 5, 2021

Through February 28, 2021 CHBWV and its subcontractors have worked **1,024,746** work hours (**711 days**) without a lost-time accident or illness.

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President Biden's Executive Order

- Executive Order (EO) 13991 implemented to protect the health and safety of the American people, as well as Federal employees, contractors and public
- EO 13991 continues the use of COVID-19 safety protocols based on public health and infectious disease experts, including the Centers for Disease Control and Prevention
- In response, the site took additional COVID-19 actions including supplementary masking requirements and implementation of the 25% occupancy goal
- Prior to EO 13991, the site had implemented numerous COVID-19 safety measures which included continuing maximized teleworking, crew rotations, pausing close contact work, providing additional trailer space, installing Plexiglas barriers, and adding new personal protective equipment
- Cattaraugus County Health Department was onsite twice to perform rapid COVID-19 employee testing

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Operations Ceased Due to COVID-19 Protocols and Close Work Restrictions

Upon approval to commence close proximity work, the following efforts are planned:

- **Product Purification Cell – South (PPC-S)** – Resume Nitrocision® decontamination operations (on south wall) and waste packaging; install second generation box for process improvement
- **General Purpose Cell (GPC)** – Pump water from General Crane Room (GCR); drain cranes in GCR; grout the ventilation duct and the remainder of the GCR and GPC
- **Vent. Wash Room (VWR)** – Remove obstructions from East Wall (two to go); cut access doorway into East wall; removed recirculation piping; complete core boring for duct cutting; begin duct cutting with diamond wire saw
- **Chemical Process Cell/Chemical Operating Aisle (CPC/COA)** – Complete application of fixative above crane rails in the CPC; apply fixative to tunnel, grout CPC floor

**Cleanup activities in these areas were stopped in late 2020 and again in 2021 due to enhanced COVID-19 protocols onsite, which limits complex work activities and those jobs where social distancing cannot be maintained.*

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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)

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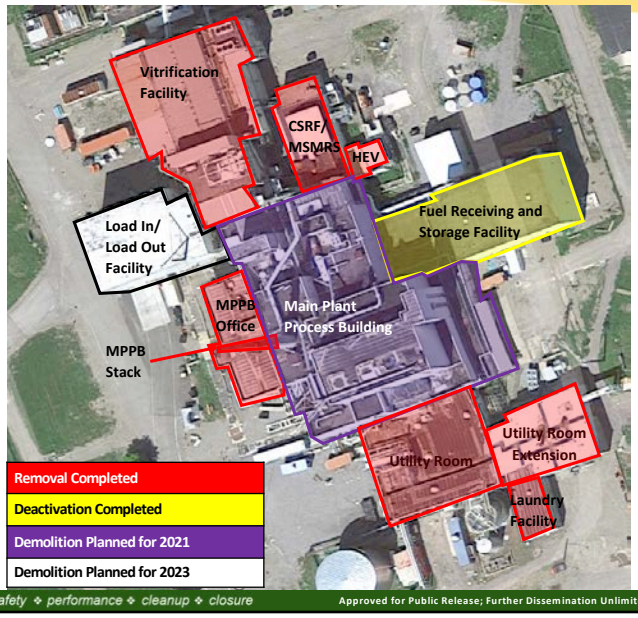
Demolitions and Deactivation – PBI #1



Aerial View of Main Plant Process Building and Ancillary Support Buildings

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Work Performed Within EO 13991 and COVID-19 Guidelines

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Main Plant Demolition Preparations – PBI #1

New long-reach arm installed on 1250 excavator

- New arm increases reach from 50 feet to 86 feet
- Highest point on Main Plant is 79 feet
- Modifications to cab will allow the operator to tilt the cab upwards to view high reach areas during MPPB demolition

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Main Plant Demolition Preparations – PBI #1 (Cont.)

Rail King

Long-reach fork truck

Loading trailer with waste boxes

- Training continues to be conducted on the railcar mover and long-reach fork truck in preparation for the future demolition of the Main Plant Process Building:
  - The railcar mover provides a more convenient and less expensive way for moving small numbers of railroad cars around the site
  - The long-reach fork truck is a versatile machine that's capable of lifting heavy box containers, stacking containers, long reach for safe distancing, and loading railcars or tractor-trailers

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Main Plant Demolition Preparations – PBI #1 (Cont.)

Draining shield windows in the former Equipment Decontamination Room Viewing Aisle

- An operator drains a shield window in preparation for its future removal
- Oil collected is packaged and safely disposed of off-site in compliance with regulations

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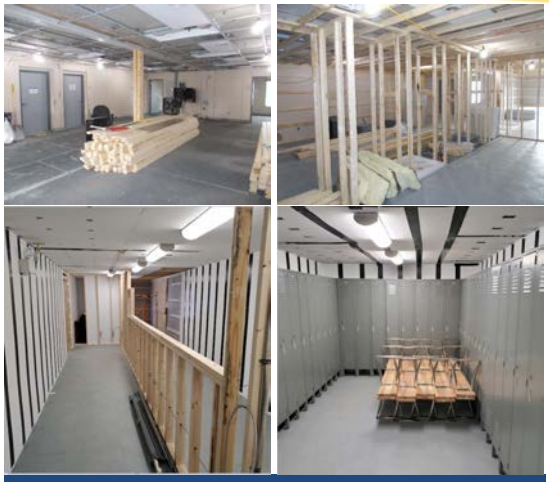
Main Plant Demolition Preparations – PBI #1 (Cont.)



10-Plex Office Building modifications for Main Plant Process Building demolition

Modifications are being made to retrofit an onsite office building for Radiation Control Monitoring, locker rooms and showers (male and female), and respirator issue room

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

- Performing deactivation to support removal of 46 Balance of Site Facilities:
  - 44 of 46 facilities demolished and areas restored
- Other Site Work:
  - Continue working upgrades in preparation for the new MPPB demolition water management system (details to be briefed at May QPM)
  - Continue site drainage and road improvements
  - Continue Drum Cell modifications to support MPPB waste shipping operations
- Look Ahead:
  - Remediate compacted gravel and soils for final restoration of former Chemical Process Cell-Waste Storage Area (CPC-WSA)
  - Remove Schoolhouse septic tank and well, and restore area

CPC-WSA site after demolition

Paved south parking lot

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Upcoming Presentations

- MPPB Water Management — Quarterly Public Meeting (05/24/21)
- Offsite Monitoring — Quarterly Public Meeting (05/24/21)