



U.S. DEPARTMENT OF
ENERGY

OFFICE OF
ENVIRONMENTAL
MANAGEMENT

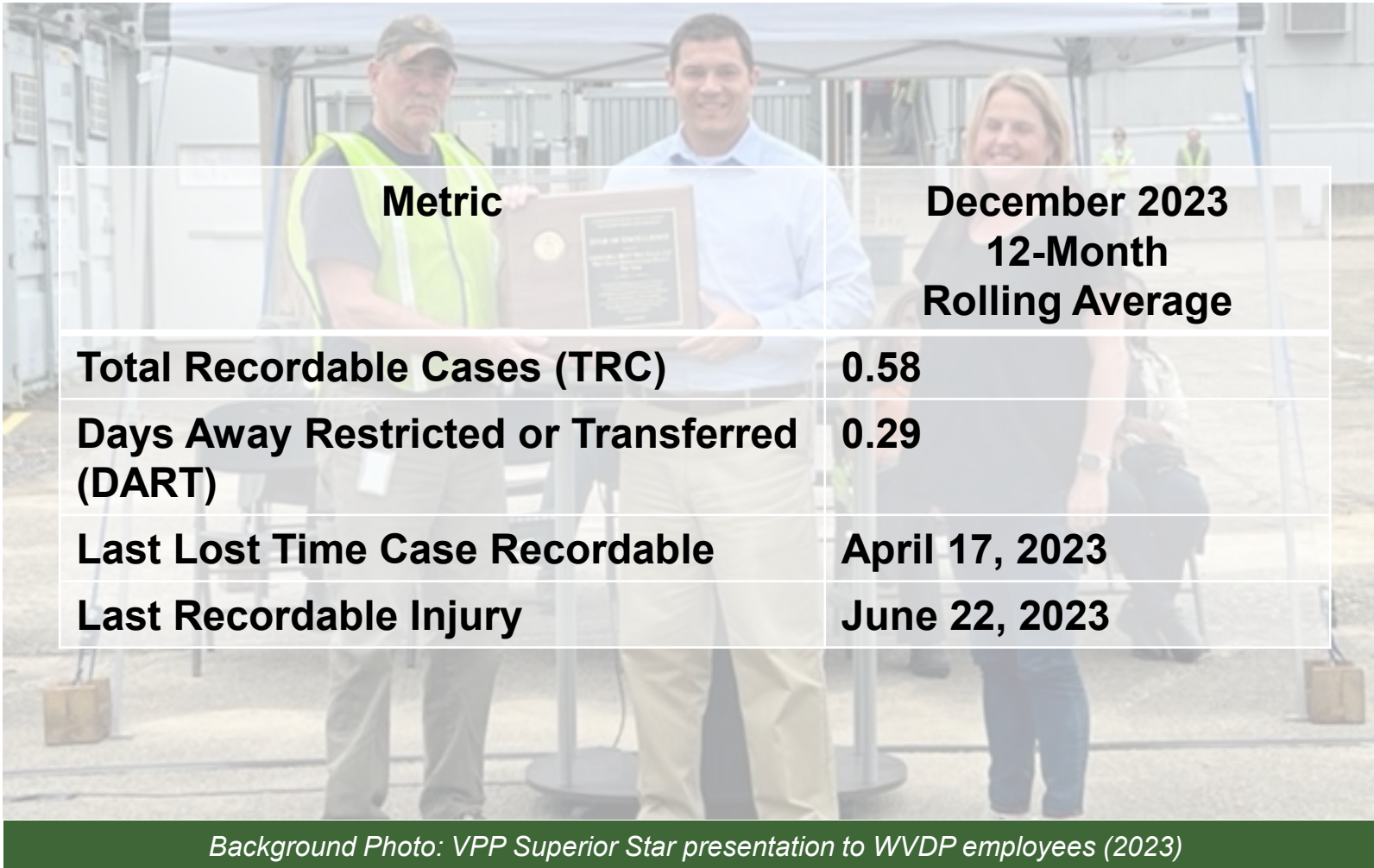
WVDP Project Update

Main Plant Process Building Controlled Deconstruction

Kelly Wooley, CHBWV Deputy General Manager

Citizen Task Force Meeting – January 24, 2024

Safety



Metric	December 2023 12-Month Rolling Average
Total Recordable Cases (TRC)	0.58
Days Away Restricted or Transferred (DART)	0.29
Last Lost Time Case Recordable	April 17, 2023
Last Recordable Injury	June 22, 2023

Background Photo: VPP Superior Star presentation to WVDP employees (2023)

FY2024 Goals



- Perform all work in a manner that is protective of employees, the public, and the environment
- Demo and ship 10,000 tons of Main Plant Process Building Waste
- Remove old locker rooms and Gatehouse, regrade area, and install new sidewalks
- Add a new access roadway between the North and South parking lots
- Complete disposal of remaining eight (8) High Integrity Containers
- Dispose of seven (7) of the legacy debris containers
- Achieve clean closure of the LSA #2 through required documentation, confirmatory sampling, and closure activities
- 8D-4 liquid sample collected
- Implement Optically Stimulated Luminescence (OSL) dosimetry



Main Plant Deconstruction (Cont.)



Main Plant West Wall Before Deconstruction (June 2022)



Main Plant West Wall After Deconstruction (October 2023)

Main Plant Deconstruction (Cont.)



Hot Cell Deconstruction

Main Plant Deconstruction (Cont.)



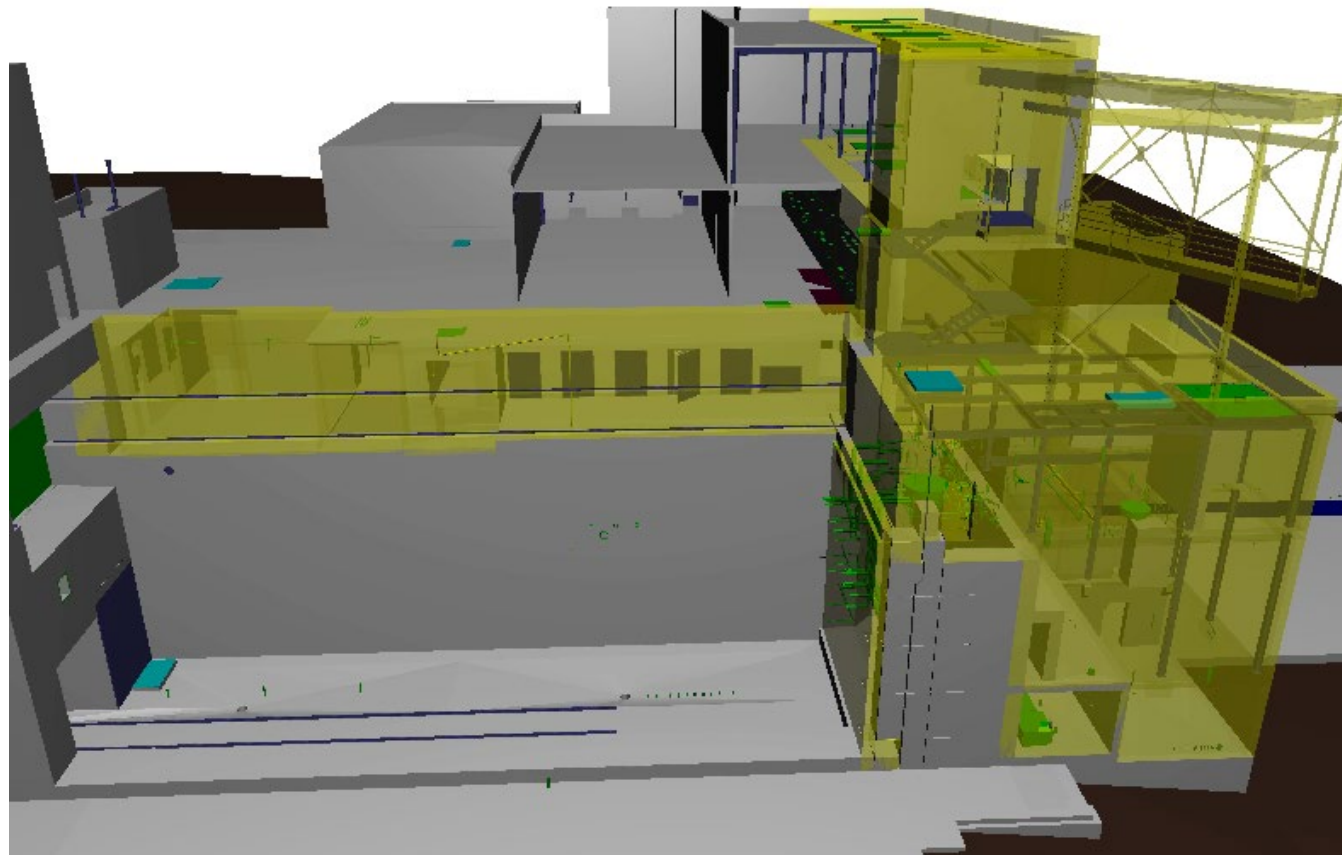
Chemical Process Cell lower east wall (November 9, 2023)

Main Plant Deconstruction (Cont.)



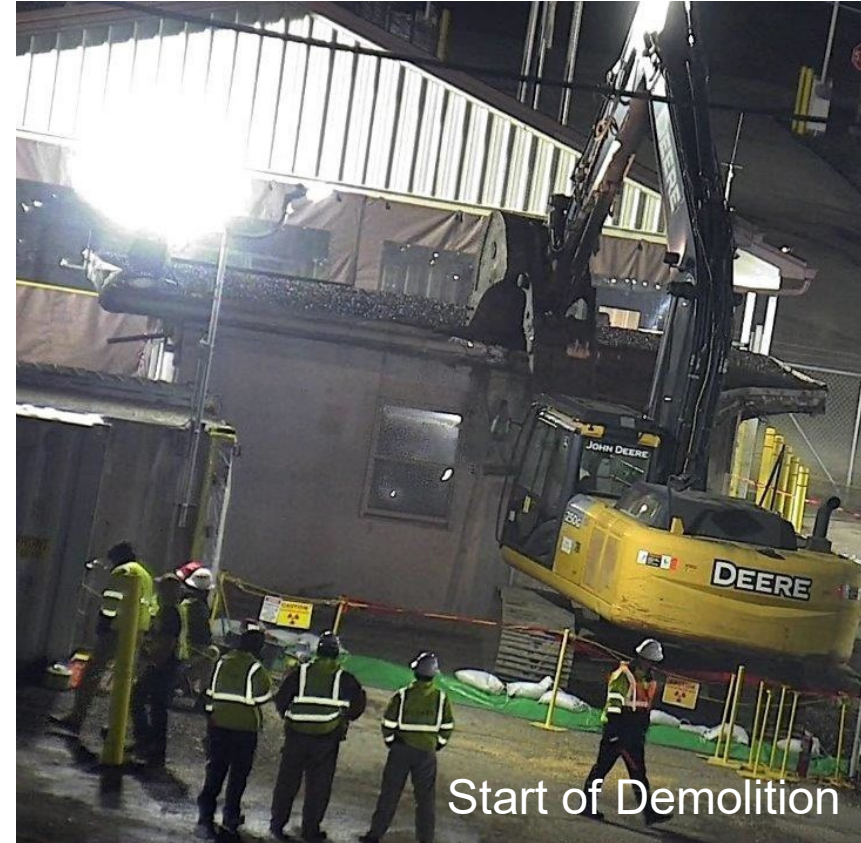
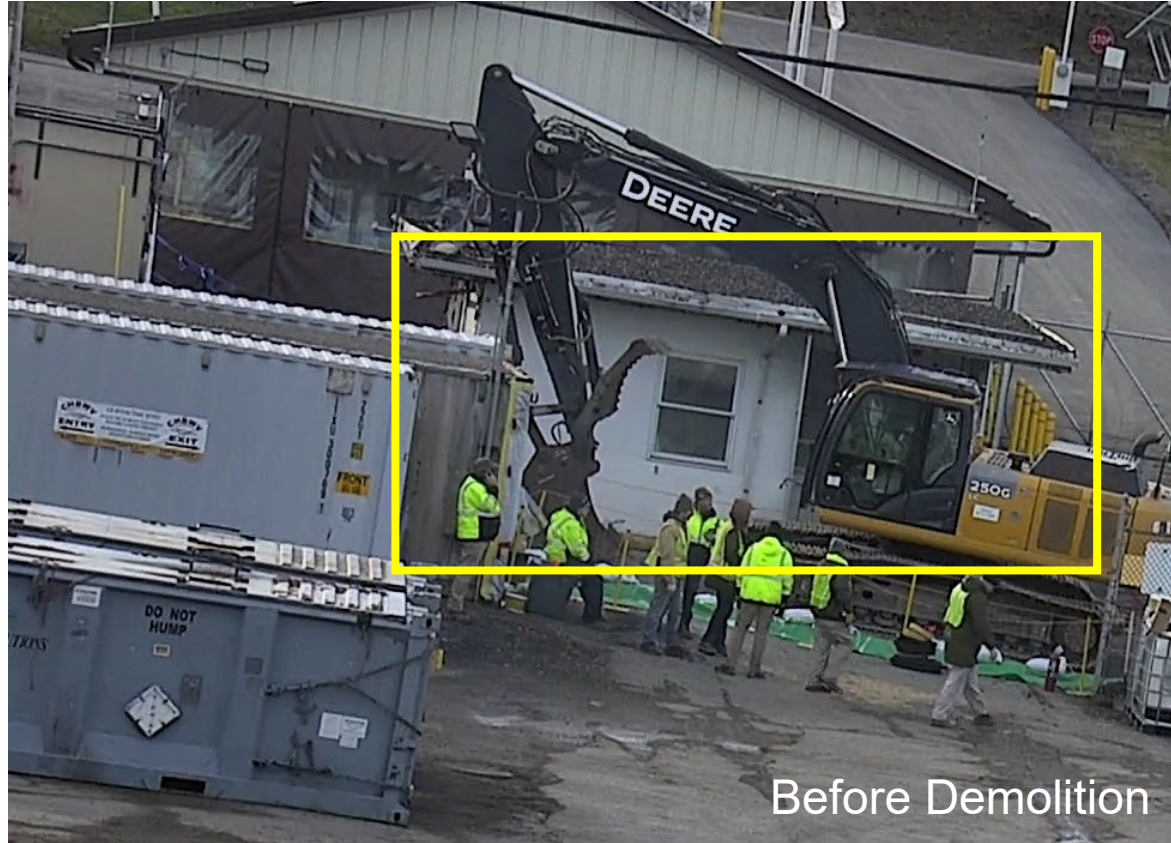
Chemical Process Cell lower east wall removed (December 30, 2023)

Main Plant Deconstruction (Cont.)

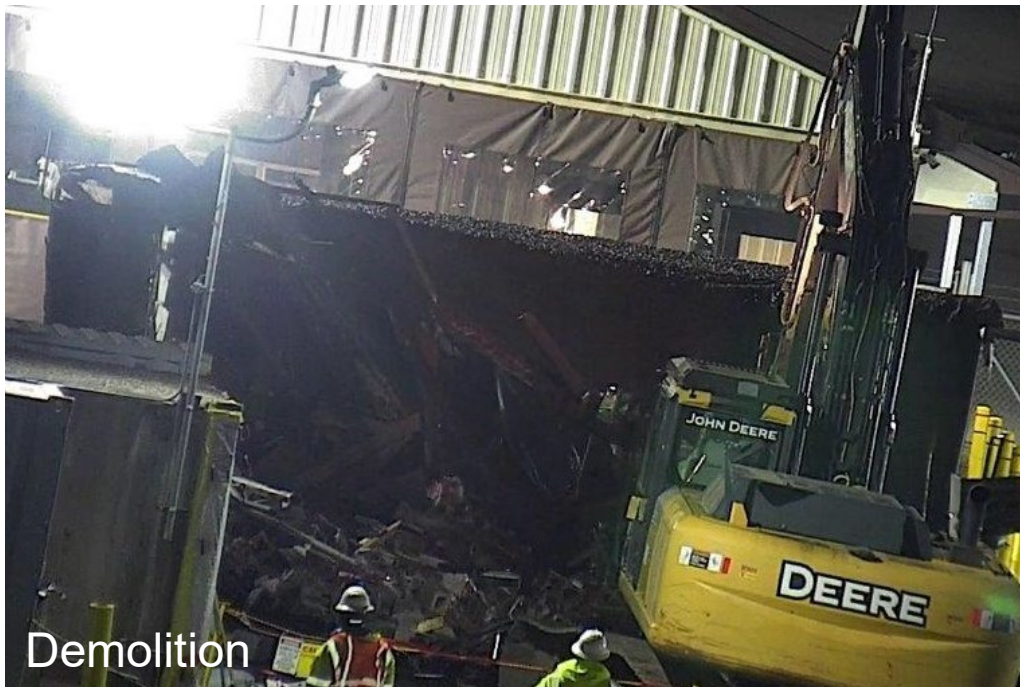


3-D Model of Main Plant Deconstruction (Completed areas in Yellow)

Old Guardhouse Demolition



Old Guardhouse Demolition



Waste and Site Operations

- Safely processed, over-packed, and shipped two of seven degraded Chemical Process Cell waste containers off-site for disposal
 - Both containers had a combined weight of 169,000 pounds
- Safely overpacked four High Integrity Containers into Department of Transportation-approved containers, transloaded them by truck to a rail yard in Lockport, New York where they were loaded onto rail cars and shipped by rail for safe disposal
 - Each HIC, which is inside of a steel reinforced concrete shield, contained spent ion exchange resins and diatomaceous earth from the former Fuel Receiving and Storage facility



2023 Community Support

- Community Service Donations:
 - West Valley Fire District #1: **\$80,000**
 - Bertrand Chaffee Hospital: **\$5,000**
 - Mercy Flight: **\$5,000**
- Annual Community Donations: **~\$12,000**
- Annual Food Drive
 - Collected enough food for **10,800** meals
 - Food delivered to nine food pantries
 - All done by volunteers
- United Way: **\$13,032**
- Toys For Tots: **350+ toys** collected

