

WVDP Project Update Main Plant Process Building Controlled Deconstruction

Jason Casper, CHBWV President and GM

Citizen Task Force Meeting

March 26, 2025

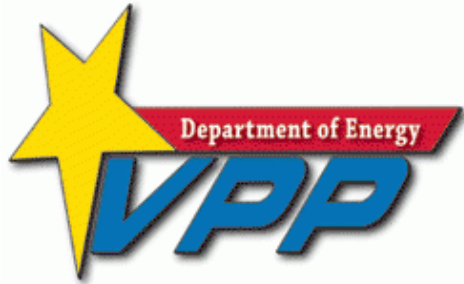
AGENDA

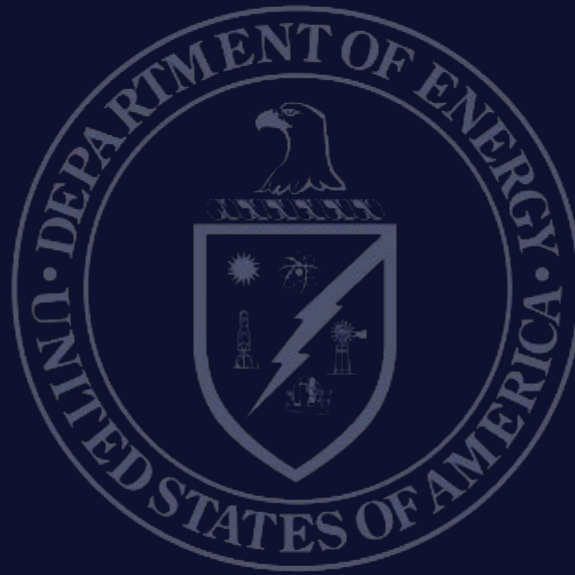
- Safety Stats
- Main Plant Process Building Deconstruction
 - September Aerial Photo
 - Areas Completed and Areas Remaining
 - 3-D Model View
 - Progress Photos
- Waste & Site Operations
- Questions



Safety Stats

Metric	12-Month Rolling Average
Total Recordable Cases (TRC)	0.56
Days Away Restricted or Transferred (DART)	0.00
Last Lost Time Case Recordable	April 17, 2023
Last Recordable Injury	January 17, 2025





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Main Plant Process Building Deconstruction

Aerial Photograph (January 2025)



MPPB Deconstruction Areas

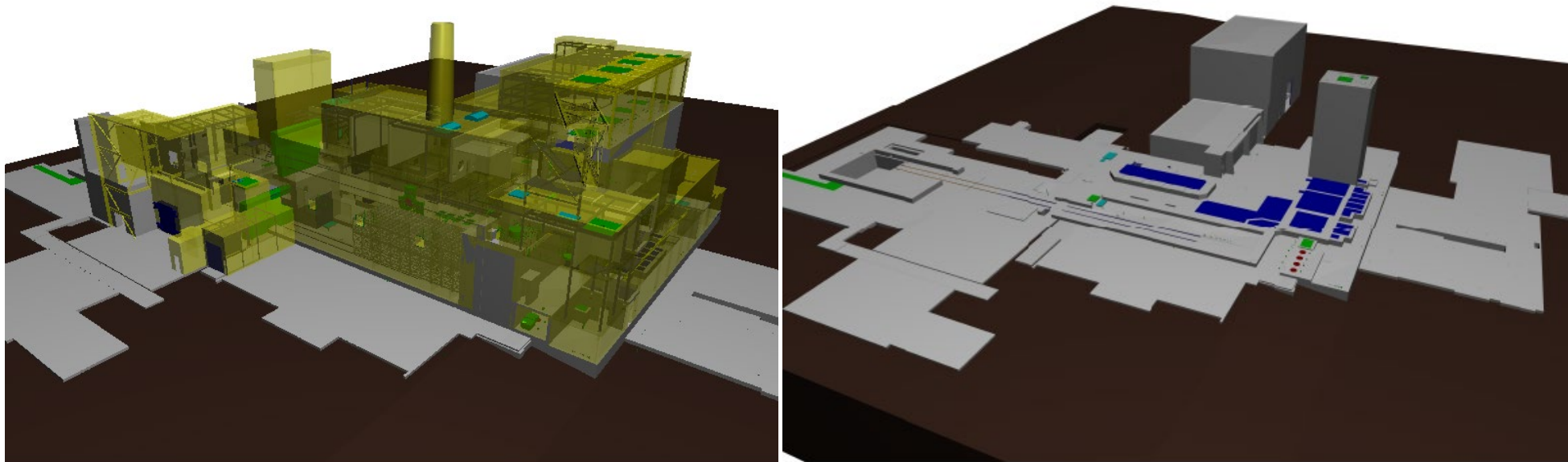
(55 of 56 Cells Completed)

• Solvent Storage Terrace	Remainder of Main Plant Ventilation Stack	West Mechanical Operating Aisle
• Upper & Lower Warm Aisle	Analytical Decontamination Aisle	Mass Spec Lab
• South Stairs	ICP Lab	Chemical Process Cell Sampler Removal
• Extraction Cell 1, 2, and 3	Control Room	Vitrification Lab
• Extraction Chemical Room & Monorail	Upper Extraction Aisle	Radiochemistry Lab
• Off Gas Blower Room	CTS Lab	Extraction Sample Aisle
• Acid Recovery Cell	Sample Storage Cell	East Stairs
• Acid Recovery Pump Room	Chemical Operating Aisle	Analytical Chemistry Lab
• Chemical Process Cell & Crane Room	Lower Extraction Aisle	Ventilation Wash Room & Washer
• Ventilation Exhaust Cell	Liquid Waste Cell and all nine tanks	Scrap Removal Room
• Hot Acid Cell	Waste Receiving and Package Area	Equipment Decontamination Room
• Off Gas Cell	Product Packaging and Shipping/Handling	North Stairs
• Off Gas Aisle	Uranium Loadout & Tank	Process Mechanical Cell Crane Room Enclosure
• Process Chemical Room	Uranium Process Cell & Tanks	Process Mechanical Cell Crane Room
• Hot Cells 2,3,4 and 5	Sample Cell #2	Vent Supply Room
	Off-Gas Cell	Process Mechanical Cell – East Wall
	East Mechanical Operating Aisle	

Not Complete:

Product Purification Cell (N&S)

MPPB Deconstruction



3-D Model of Main Plant Deconstruction
(Completed areas in Yellow, Areas remaining in Gray)



MPPB Deconstruction (Cont.)



Main Plant west wall before deconstruction (June 2022)



Main Plant west wall (March 2025)



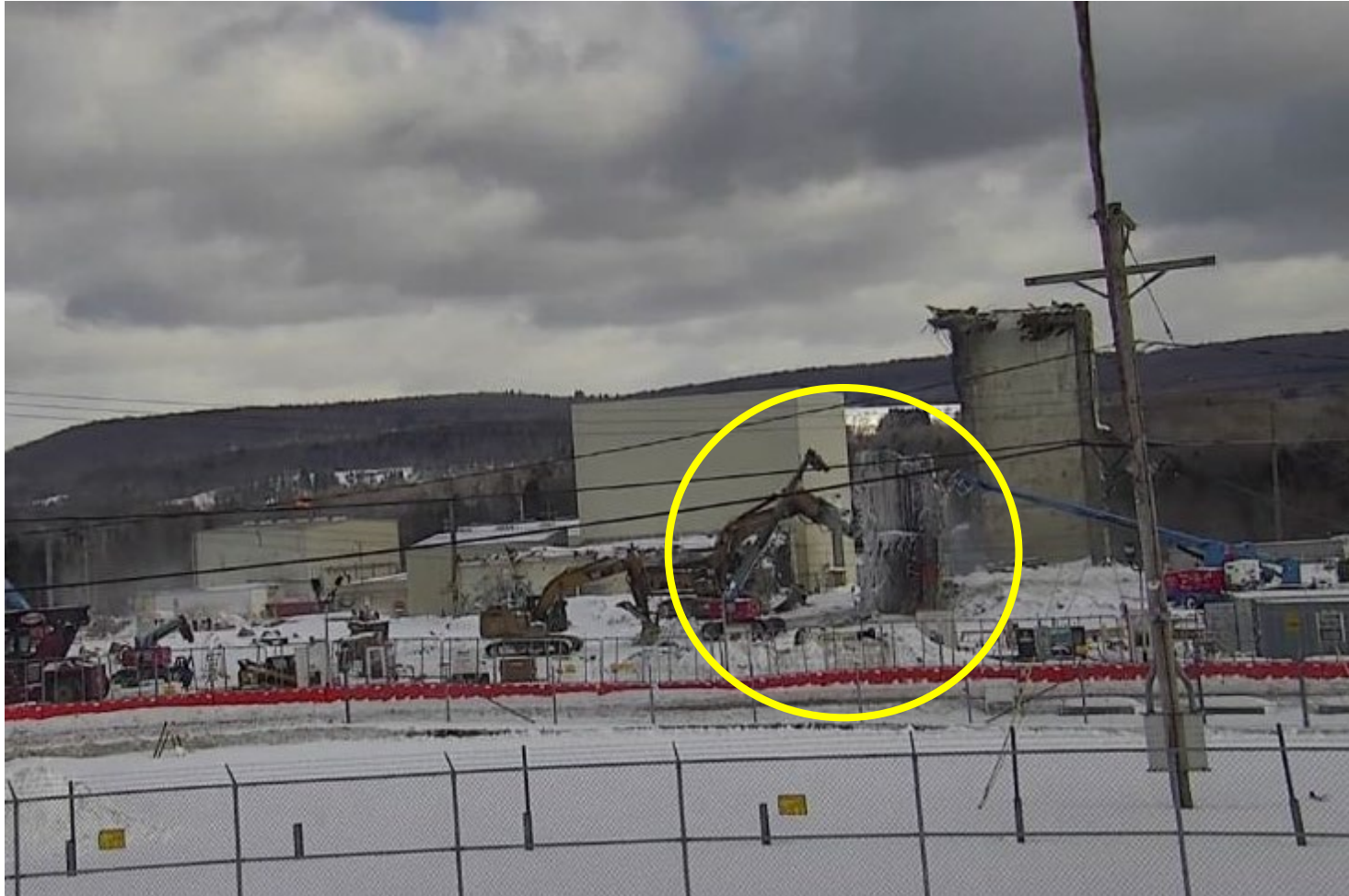
MPPB Deconstruction (Cont.)



(Left) D&D operators mark demo areas on Off-Gas Cell (Right) Deconstructing OGC with hydraulic hammer



MPPB Deconstruction – Off-Gas Cell (OGC)



MPPB Deconstruction – OGC (Cont.)



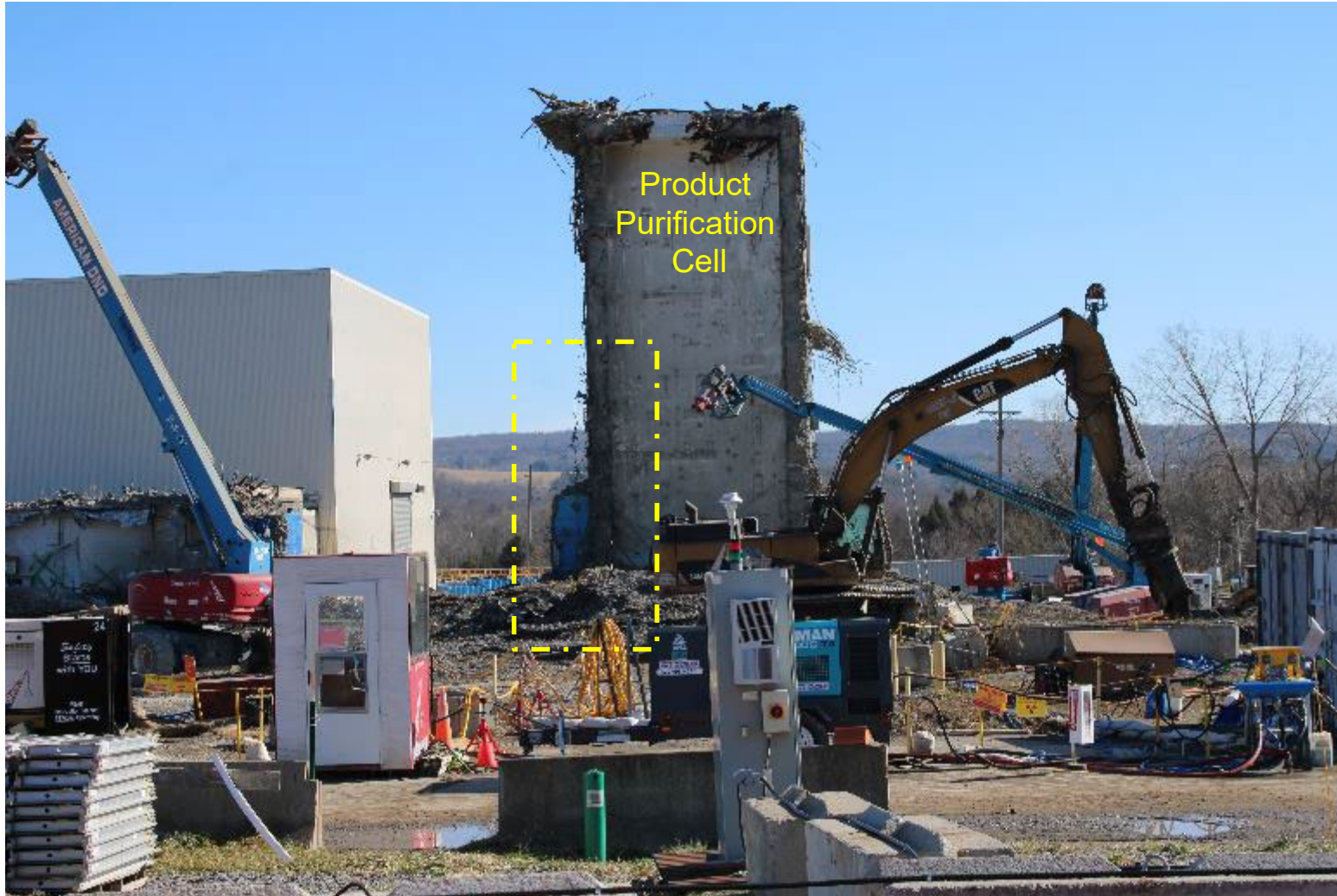
MPPB Deconstruction - OGC (Cont.)



MPPB Deconstruction (Cont.)



MPPB Deconstruction – OGC Demolition Completed



MPPB Deconstruction – Bay 18, Vitrification Facility



Waste and Site Operations

MPPB Deconstruction Waste Support (as of the end of March 10)

- Shipped a total of 1,290 intermodals or 215 rail cars of debris (25,115 tons)
- Shipped a total of 87 Specialty Boxes removed from the MPPB Deconstruction Project (805 tons)
- Continue to receive and prepare boxes



Waste and Site Operations (Cont.)

Waste Tank Farm:

- Previously, overpacked one Waste Tank Farm pump (SP-339) that was shipped on October 30, 2024
 - Overpacked two other pumps into SP-340 and SP-341 in December 2024
 - Overpack fourth pump, SP-108, into SP-372 in March 2025
 - Two pumps are scheduled to ship the week of March 24, the last one will ship in early April



Waste and Site Operations (Cont.)

Tank 8D-4 Work:

- 8D4 sludge sampling is completed
- Five(5) samples packaged and shipped to the lab for analysis
- Completed the removal of the camera and waste, and stored the system for possible future work
- Working on possible paths forward to safely and compliantly disposition this waste



QUESTIONS



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