



KATHY HOCHUL
Governor

RORY M. CHRISTIAN
Chief Executive Officer

December 5, 2024

VIA EMAIL

Hon. Michelle L. Phillips
Secretary to the Commission
3 Empire State Plaza
Albany, NY 12223-1350

Re: Matter No. 21-01188 – In the Matter of the Indian Point Closure Task Force and Indian Point Decommissioning Oversight Board.

Dear Secretary Phillips:

Please accept for filing in the above-captioned matter, the December 5, 2024 presentation of the Indian Point Decommissioning Oversight Board. Should you have any questions regarding this filing, please contact me. Thank you.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Tom Kaczmarek". The signature is fluid and cursive, with a long horizontal stroke at the end.

Tom Kaczmarek
Executive Director
Indian Point Decommissioning Oversight Board



Decommissioning Oversight Board

Holtec Decommissioning International (HDI)
December 5, 2024

Frank Spagnuolo
Indian Point Site Vice President



Agenda

- Work completed since last DOB (June 13, 2024)
 - Notable changes to plan (RV Seg)
- Work activities planned in early 2025
- NRC updates
- EP Tabletop exercise
- Partial Site Release Process
- NYISO Filing
- Safety



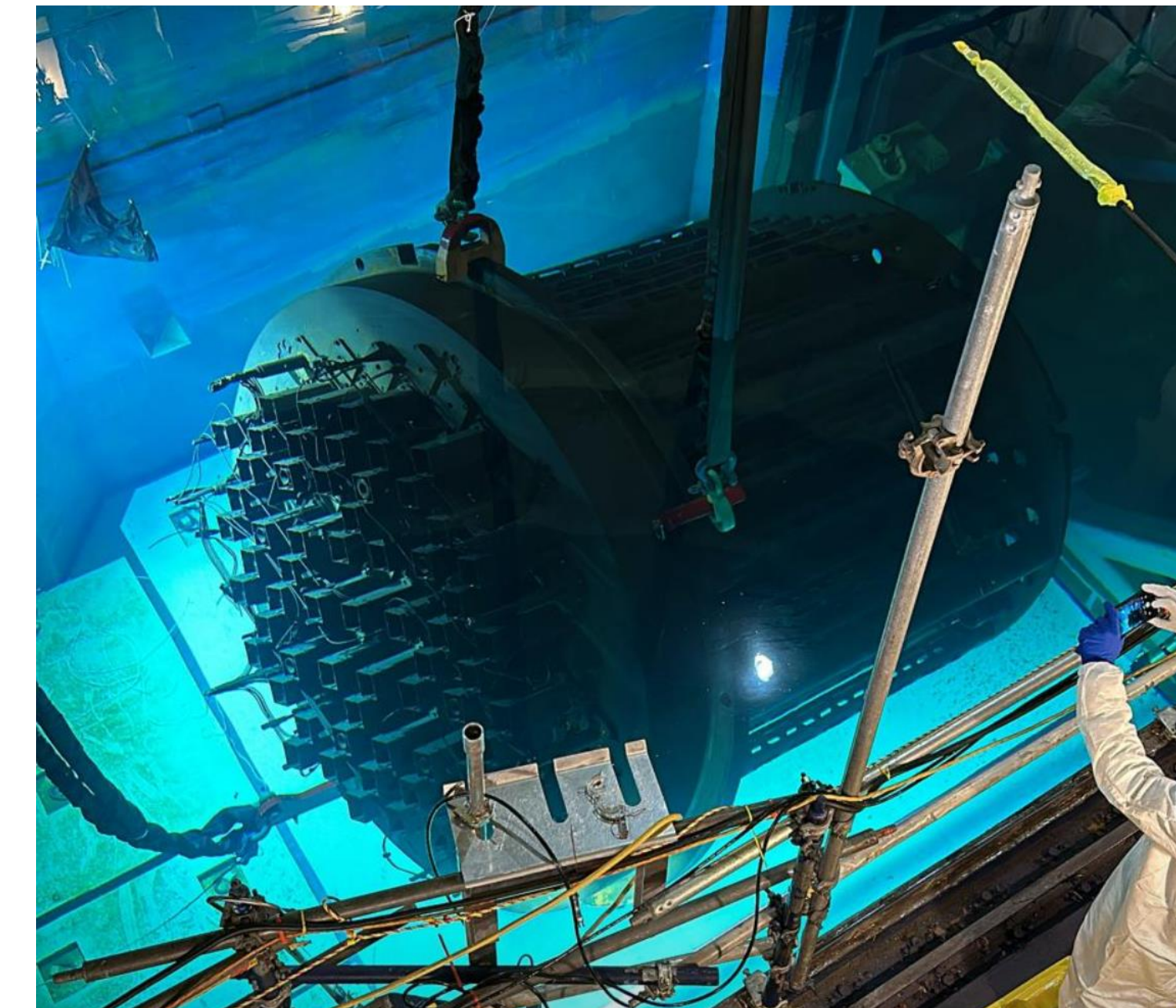
Vessel Segmentation activities since last DOB

- Notable schedule change: Transitioned Reactor Vessel segmentation to U2 due to segmentation equipment repair necessary in U3 cavity



- Unit 2

- ✓ Completed reactor head segmentation and packaging
- ✓ Completed cavity repair and refilled
- ✓ Started upper internal segmentation – Type “A” waste



- Unit 3

- ✓ Continued segmentation of Greater Than Class C material (GTCC)

Upper Photos: U2 head segmentation work
 Lower Photo (L): U2 cavity during weld repairs
 Lower Photo (R): U2 cavity with reactor preparing for segmentation

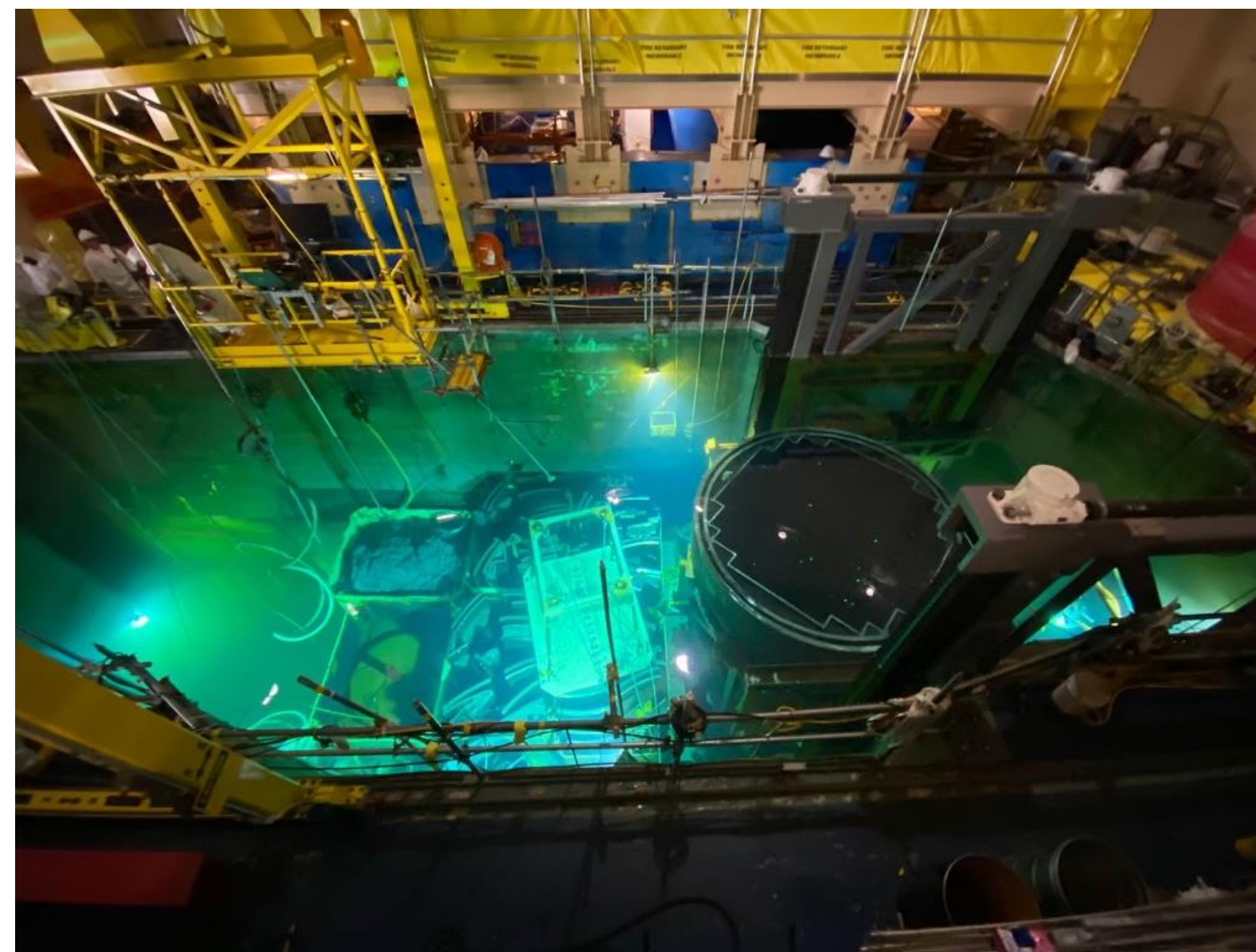
Vessel Segmentation activities early 2025

■ Unit 2

- To complete phase 1 of upper internal segmentation – Type “A” waste harvesting
- Relocate team back to U3 VC

■ Unit 3

- To complete segmenting all GTCC material
- Cask all GTCC material and relocate to the ISFSI Pad
- Invert, segment and package bottom internals head (Type A & B waste)

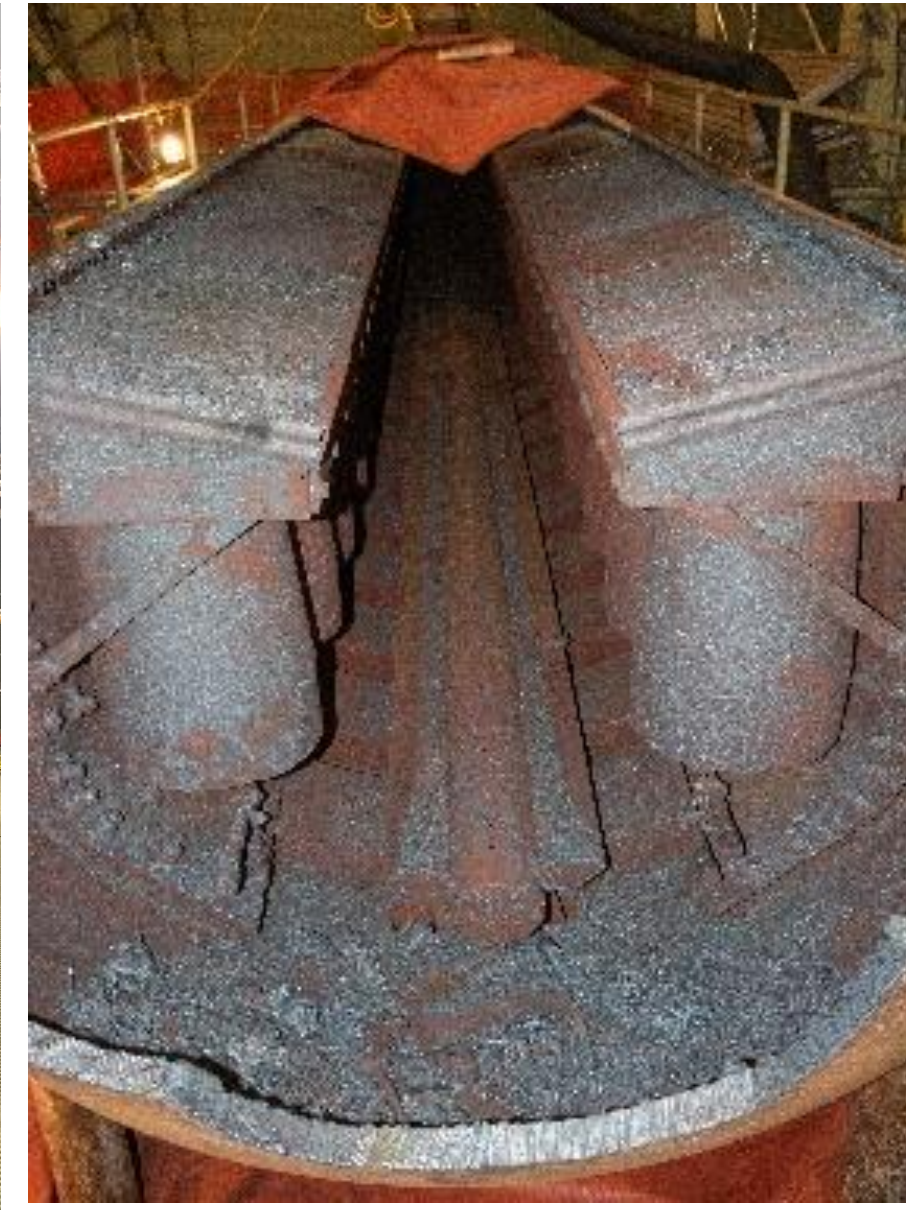


Upper Photos: U2 cavity segmentation use saw and under-water tools for packaging

Lower Photo: U3 cavity with GTCC segmented, awaiting packaging in 2025

Unit 1 Demolition activities since last DOB

- Complete removal of RCS loop
- Commenced segmentation of 11 boiler steam drum
 - ✓ Risers and downcomers
- Abatement tent set up for 13 boiler – both the upper and lower sections

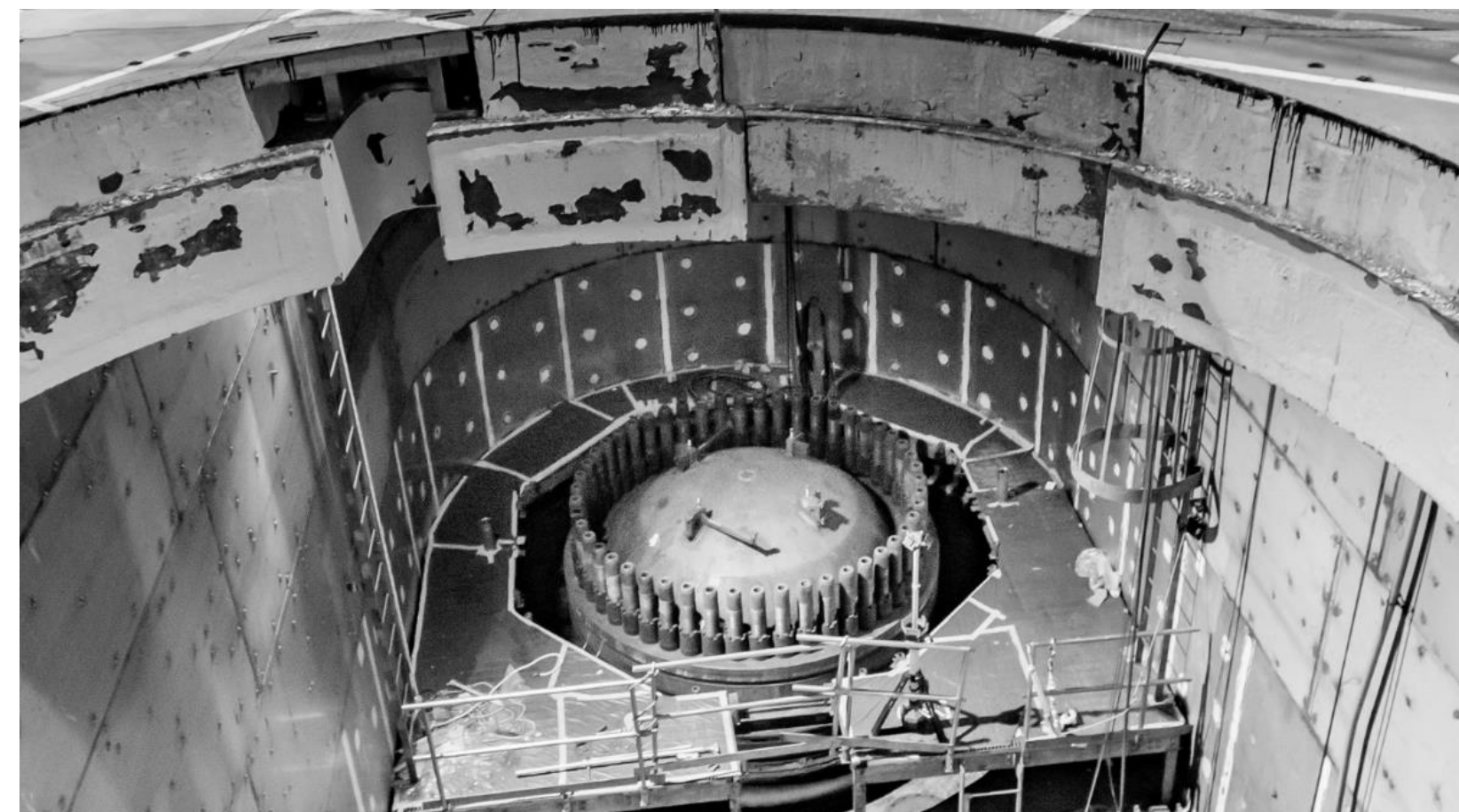


Example of Primary Cooling Pump/Motor packaged out of U1; 4 loop arrangement

Progress of 11 Boiler Steam Drum Segmentation

Unit 1 Demolition activities Early 2025

- Abatement of 13 Boiler
- Abatement Tent on 11 Boiler (Lower drums)
- Removal of U1 Head



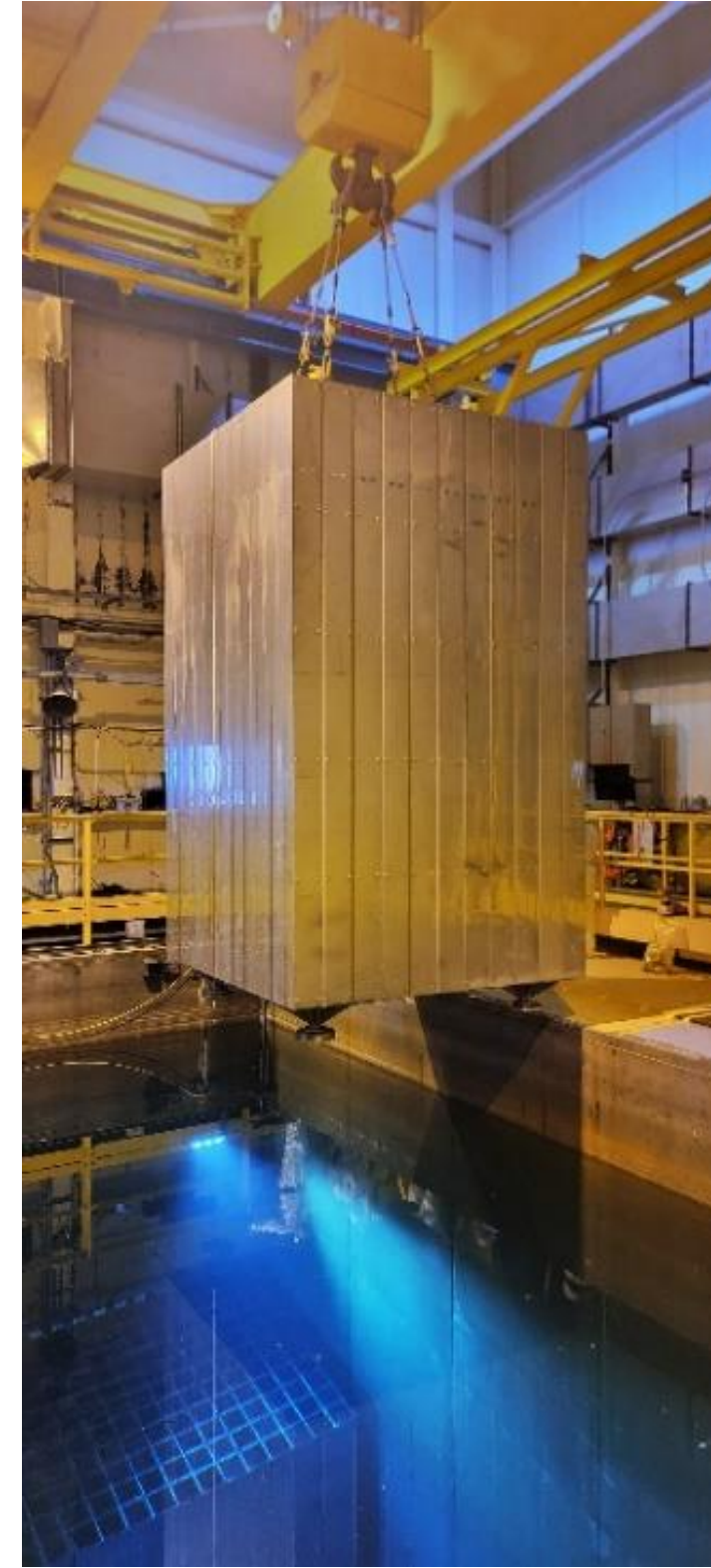
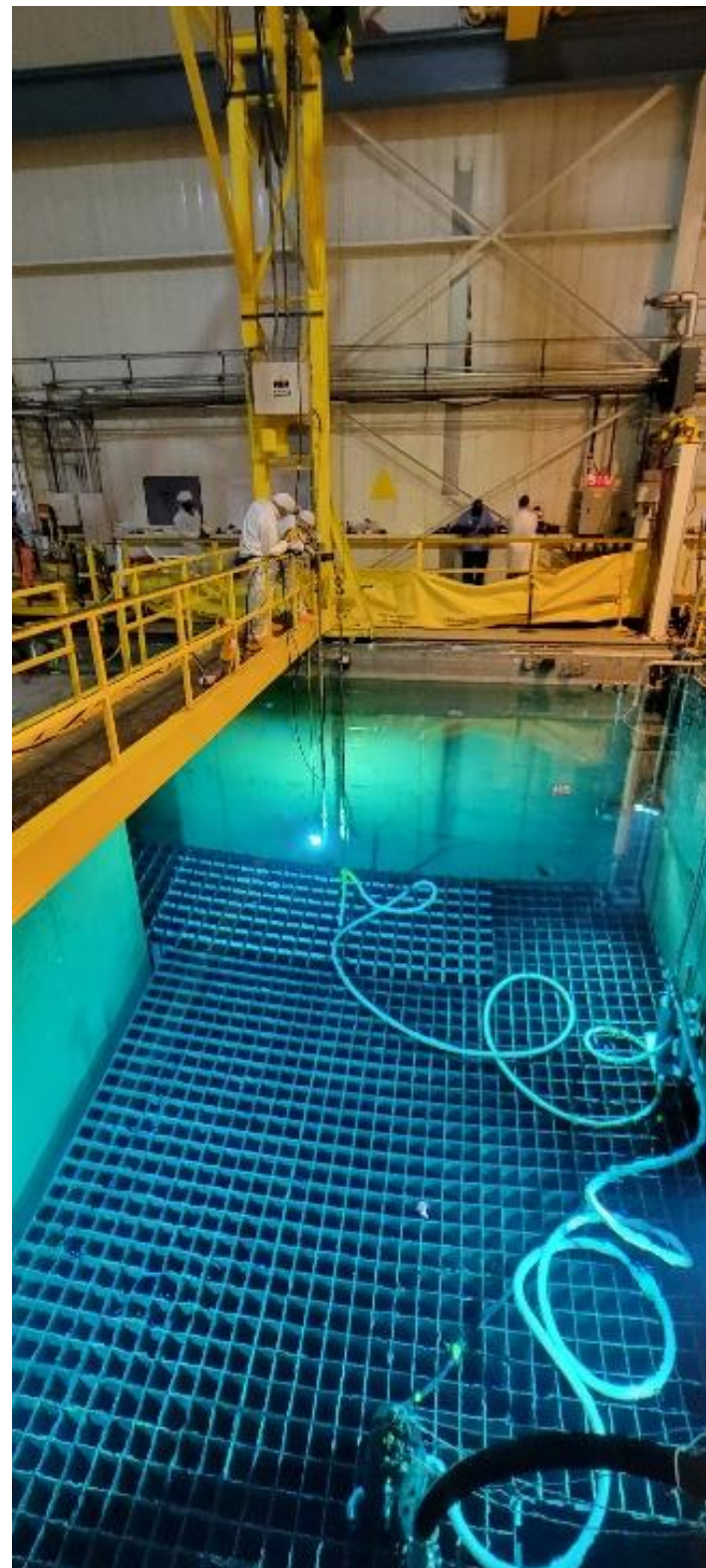
Top: Unit 1 head in storage location on 108' (Legacy picture)
Middle: Unit 1 Cavity from elevation 108'
Right: 13 Boiler Abatement Tent in progress

Unit 3 SFP activities since last DOB

■ SFP Clean -out

- ✓ 12 Racks Surveyed and Cleaned
- ✓ 12 Racks Removed and Shipped

■ Clean up and vacuum Pool bottom

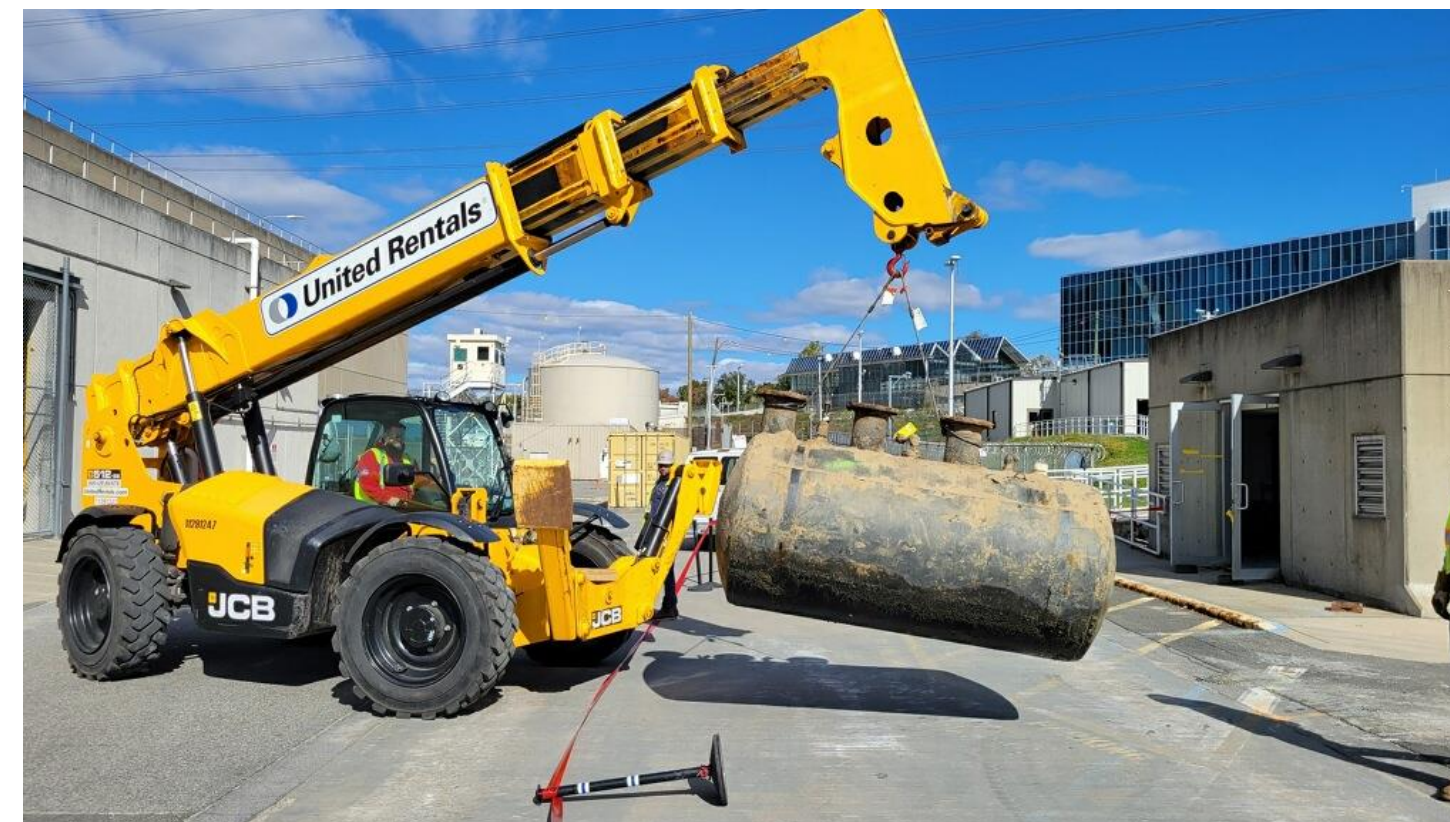


Left: Inside the U3 FSB during rack removal

Above: Inside and outside the U3 FSB prepping the SFP racks for shipment

Conventional Plant Demolition activities since last DOB

- Unit 3 Power Conversion Equipment (PCE) Building
 - ✓ Internal Components Removed
- Unit 2 MOSF Tank Removal
 - ✓ 7 tanks removed
- Unit 2 Feedwater Heater removal
 - ✓ Prepped for final removal
- Protected Area Access Facility (PAAF) equipment removed, prepped for demolition



Top (L): Lay down area on Southern property for U3 Intake structure equipment

Top (R): U3 Travelling screen

Bottom (L): U2 Security Diesel Underground Fuel Tank

Bottom (R): U3 Circulating water pump removal from intake structure

Conventional Plant Demolition activities Early 2025

- PAAF Structure
- U2 Security Building
- U3 Security Building
- U3 PCE Building
- Preparation for Old Steam Generator Dismantling



Top (L): Unit 2 Security Buildings

Top (R): Site PAAF

Bottom (L): PCE Building

Bottom (R): Unit 3 Security Building

NRC inspections

- 2nd Quarter report dated August 6, 2024 – listed no violations
- July Inspection (7/22 – 7/26)
 - ✓ Joint US NRC & Taiwanese Regulator Inspection
 - ✓ Rad Environmental Monitoring Program (REMP)
 - ✓ Groundwater Sampling plan & RETS Review
- August Inspection (8/19 – 8/22)
 - ✓ Corrective Action Program & QA Plan
 - ✓ ALARA Evaluations
- September Inspection (9/9 – 9/12)
 - ✓ Unit 1 Part 61 Source term analysis
 - ✓ Plant walkdowns/tours
- November Inspection (11/4 – 11/7)
 - ✓ Solid Rad Waste Management and Transportation



Emergency Planning Tabletop Exercise November 13

- To demonstrate the ability of IPEC to perform adequately during a postulated event – included members from NYS, Westchester County, Rockland County, Verplank Fire, and NYSP
- The exercise focused on ISFSI Emergency Classification Levels, ISFSI Emergency Action Levels, ISFSI-Only Emergency Plan overview, timely/accurate notifications, developing appropriate mitigating actions, and effective communications
- There was an open dialogue among all parties and learning opportunities were captured for next year



10CFR 50.83 Release Process

- To release part of a facility or site for unrestricted use, at any time before receiving approval of a license termination plan (LTP), is allowed provided:
 - Evaluate the effect of releasing the property to ensure dose to individual members of the public is less than 10 CFR Part 20 limit, there is no impact to emergency planning, physical security, effluent releases or the siting criteria of 10 CFR Part 100. Update the environmental monitoring program and offsite dose calculation manual and ensure all other applicable statutory and regulatory requirements continue to be met.
 - Perform a historical site assessment of the part of the facility or site to be released.



NYISO Filing Information

- In October 2024, Holtec submitted a request to New York Independent System Operator (NYISO) for 200 MW of power from the Con Edison transmission system, for future energy planning
- The request was a proactive measure to assess the availability of energy for potential high-energy commercial use
- Specifically, it sought to determine if sufficient energy would be available to support a potential data center at the site of the current IPEC training building property
- This inquiry is part of future business development efforts aimed at reusing the property. There currently is no offer or commitment for a data center or any other specific use of this area



Training Building Property Cesium (Cs) Discovery

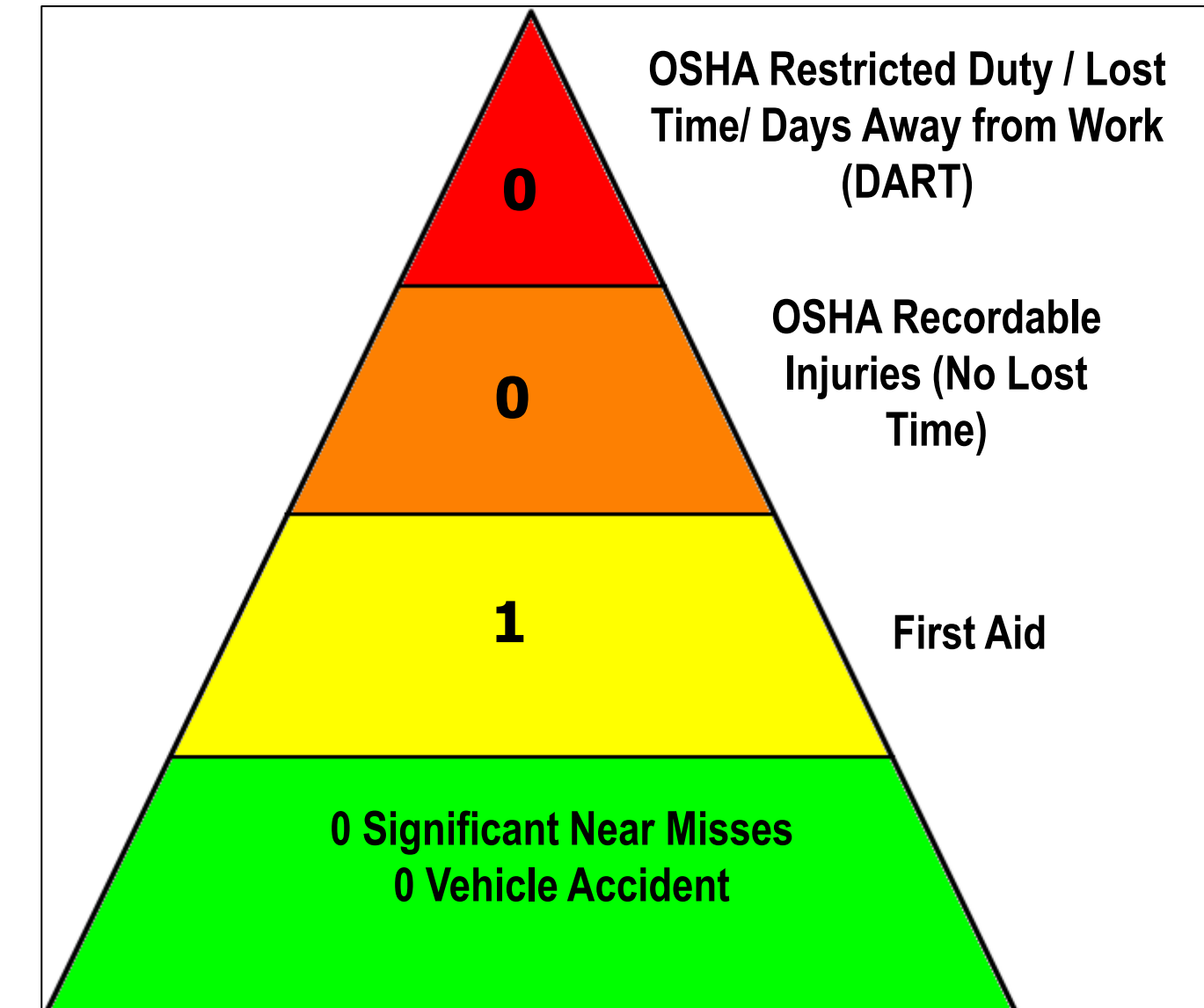
- In July, HDI performed surface soil sampling of the property around the training building to support a 50.83 submittal
- One soil sample was found to contain elevated Cs-137 concentration as compared to the rest of the soil samples and the background reference areas
- This area was previously not identified as an Area of Concern (AOC)
- This information was entered into our corrective action program, and we are in the process of developing a sample plan to fully characterize the extent of the condition
- Upon completion of characterization, the soils will be removed consistent with the requirements of 50.83
- More information on next steps will be provided as it becomes available



Workforce safety updates

Date	Issue
10/28/24	The two individuals were tasked to move an argon bottle onto a tank pad (approximately 25 inches off the ground) when one of the workers fell and twisted his knee while attempting to position the bottle on the pad. Worker was evaluated at the hospital and was cleared to return to work. Injury was classified as a first aid.

- The Decommissioning Team focuses workers on *Hazard Recognition*. Not all hazards are created equally, some are less obvious. At Holtec, we utilize the Hazard Wheel to identify potential sources of hidden hazards. The wheel consists of grouping of mechanical, sensory, industrial and societal factors that can challenge workers in the field.



2024

Dose IP1:

- Quarterly: 3.889 R / 3.945 R Est. (3rdQtr.)
- Year: 11.874 R / 18.500 R Est.

Dose IP2:

- Quarterly: 2.335 R / 2.399 R Est. (3rdQtr.)
- Year: 8.235 R / 26.211 R Est.

Dose IP3:

- Quarterly: 16.237 R / 16.343 R Est. (3rdQtr.)
- Year: 49.474 R / 84.261 R Est.

Thank You



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