



**Department
of Public Service**

Three Empire State Plaza, Albany, NY 12223-1350
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June 15, 2023

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, Holtec Decommissioning International's June 15, 2023 presentation to 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 blue ink that reads "Tom Kaczmarek".

Tom Kaczmarek
Executive Director
Indian Point Closure Task Force
Indian Point Decommissioning Oversight Board



Decommissioning Oversight Board

Holtec Decommissioning International, LLC (HDI)



**IPEC Decommissioning Update
June 15, 2023**

**Rich Burroni, Site Vice President
914-254-6705**



Agenda

- **Dry Fuel Project**
 - ISFSI Pad
 - Unit 2 Spent Fuel Pool status
 - Unit 3 Spent Fuel Pool Building HI-LIFT status
- **Discharge Discussion**
 - Split Sample MOU
- **Vessel Segmentation**
 - Unit 2
 - Unit 3
- **NRC Inspections and Activities**
- **Safety**

Dry Fuel Project - Independent Spent Fuel Storage Installation



ISFSI Pad – **COMPLETED Construction** on additional ISFSI pad

- 127 casks needed for Unit 2 and Unit 3 Spent Fuel

Since last Oversight Board Meeting:

- Vehicle Barrier Wall installation - In progress.
- Security Support Structure - In progress
- Additional fence line installation - In progress

Projected Activities through September 21, 2023:

- All construction activities are complete

ISFSI Project



New Security Bldg.

EEC Demo for
Vehicle Barrier Wall

Vehicle Barrier Wall

Additional Fence Line

Dry Fuel Project

Unit 2 Spent Fuel Pool Defuel Status - **COMPLETE**



ALL Fuel and Non-Fuel Material Located in the ISFSI area

- 896 Unit 2 fuel assemblies in 28 casks.

Since the last Oversight Board Meeting:

- Unit 2 Non-Fuel material transported to ISFSI Pad using HI-SAFE cannister
- Spent Fuel Racks (12 total) cleaning - Commenced

Projected activities through September 21, 2023:

- Complete cleaning of Spent Fuel Racks
- Complete removal of Spent Fuel Racks from Pool.
- Intermodal transport to WCS (TX)

Dry Fuel Project – Unit 3 Spent Fuel Pool Building Activities / HI-LIFT



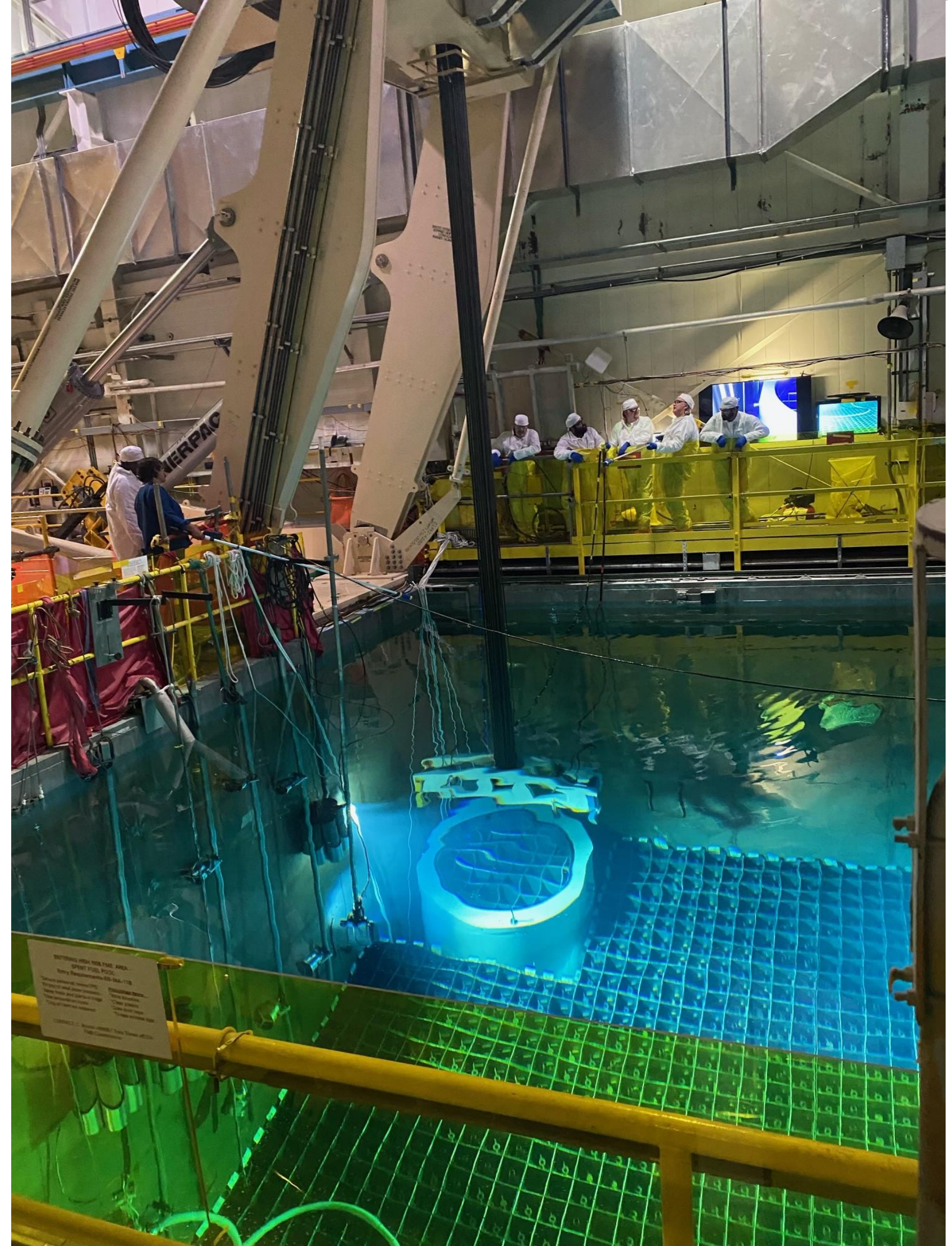
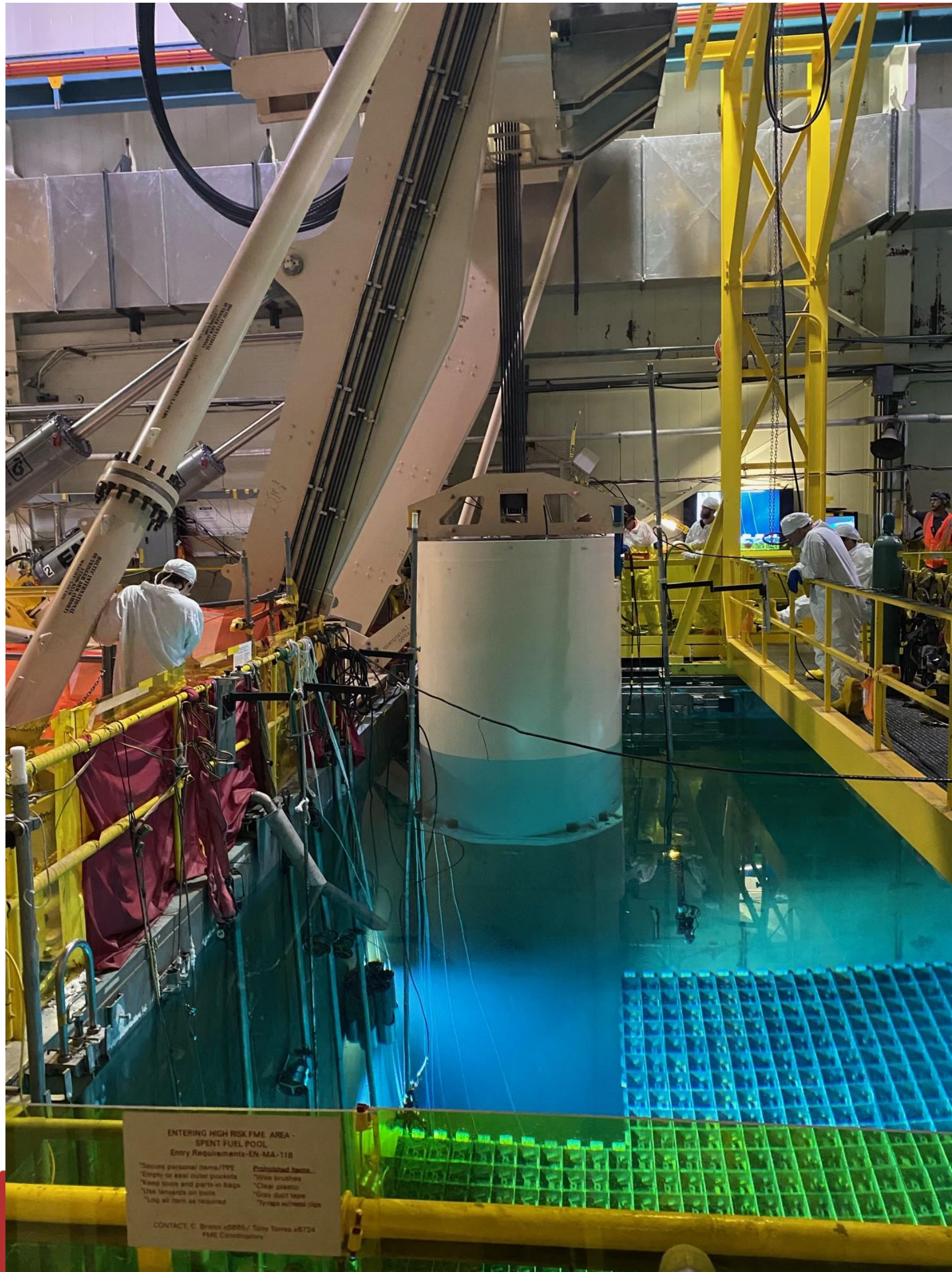
Since the last Oversight Board Meeting:

- HI-LIFT Unit 3 Auxiliary Lifting Device – **COMPLETED Site Acceptance Testing**
 - NRC observed inspection activity
- Trained Operators and performed dry-runs of equipment (VCT/Hi-Trac/Hi-LIFT)

Projected activities through September 21, 2023:

- Commence Unit 3 fuel off-load on June 19, 2023.
- Fuel off-load completion by end of November 2023

HI-LIFT – Unit 3



Discharge Discussion Update

- 4/20/23 - meeting with HDI, NYS DOH, DEC, DPS and the Westchester County Executives Office Representatives discussed split sampling techniques and possible improvements
 - IPEC has voluntarily participated in split sampling agreements with NYS for the past **10+ years** and offered additional options for their consideration.
 - Independent review of releases by State.
- **MOU developed** and under review by state representatives and Holtec
- Unit 2 Discharge (including SFP) - **Mid September / early October**
- Expected discharge duration – **4 to 5 months**

Unit 2 Vessel Segmentation

Segmentation of both vessels is considered the *second* critical path.

Since the last Oversight Board Meeting:

- Steam Generator primary inlet and outlet piping prepped to support chemical cleaning.

Projected activities through September 21, 2023:

- Complete SG primary pipe preps for chemical cleaning
- Equipment set up to support segmentation activities in upper reactor vessel guide tubes and support columns
- Partial cavity flood-up

Unit 3 / Unit 1 Vessel Segmentation

- **Since the last Oversight Board Meeting:**
 - Completed Unit 3 segmentation of the reactor vessel upper support plate
 - Completed Unit 3 segmentation of the Top Core Plate
 - Boxed “A” waste and transported out of containment
 - Commence boxing B/C waste and transport out of containment
- **Projected activities through September 21, 2023:**
 - Complete boxing of all Unit 3 B/C waste
 - Commence cutting Unit 3 RCS piping for S.G. Chemical Decontamination activities
 - Commence preparation for Unit 3 core barrel removal in 4Q2023
- **Unit 1 Update**
 - Radiological data to support activation analysis via Unit 1 Reactor Vessel Head sectioning – In progress

NRC Inspections and Activities



Submittal	IPEC Submittal Date	Anticipated NRC Review Complete
Exemption and LAR for Permanently Defueled Emergency Plan	12/2021	02/2023
Exemption from onsite and offsite Liability and Property Damage Insurance requirements	03/2022	02/2023
LAR for removal of Cyber Security Requirements	05/2022	02/2023
LAR for U2 Admin TS change	08/2022	02/2023
IP1/IP2/IP3 ISFSI only licensing submittals		
- ISFSI Only Eplan	11/2022	11/2023
- ISFSI Only Tech Specs	11/2022	11/2023
- ISFSI Only Security Plan	01/2023	TBD

Upcoming NRC Inspections:

- ISFSI Dry Run – June 12-15, 2023
- Fire Protection, Rad Waste, Financial Assurance Inspection - June 12-15, 2023
- ISFSI Inspection for Initial Loading – June 19-22, 2023
- REMP/RETS, E-Plan Inspection – July 10-14, 2023
- ISFSI Inspection, continuous loading – July 17-21, 2023
- QA, Safety Culture Inspection – August 7-10, 2023

NRC Inspection Activities – 1Q2023 Inspection Report



One NRC-identified violation of inappreciable (very low) safety significance (Severity Level IV) – 10 CFR 72.146, Design Controls of HI-LIFT Crane

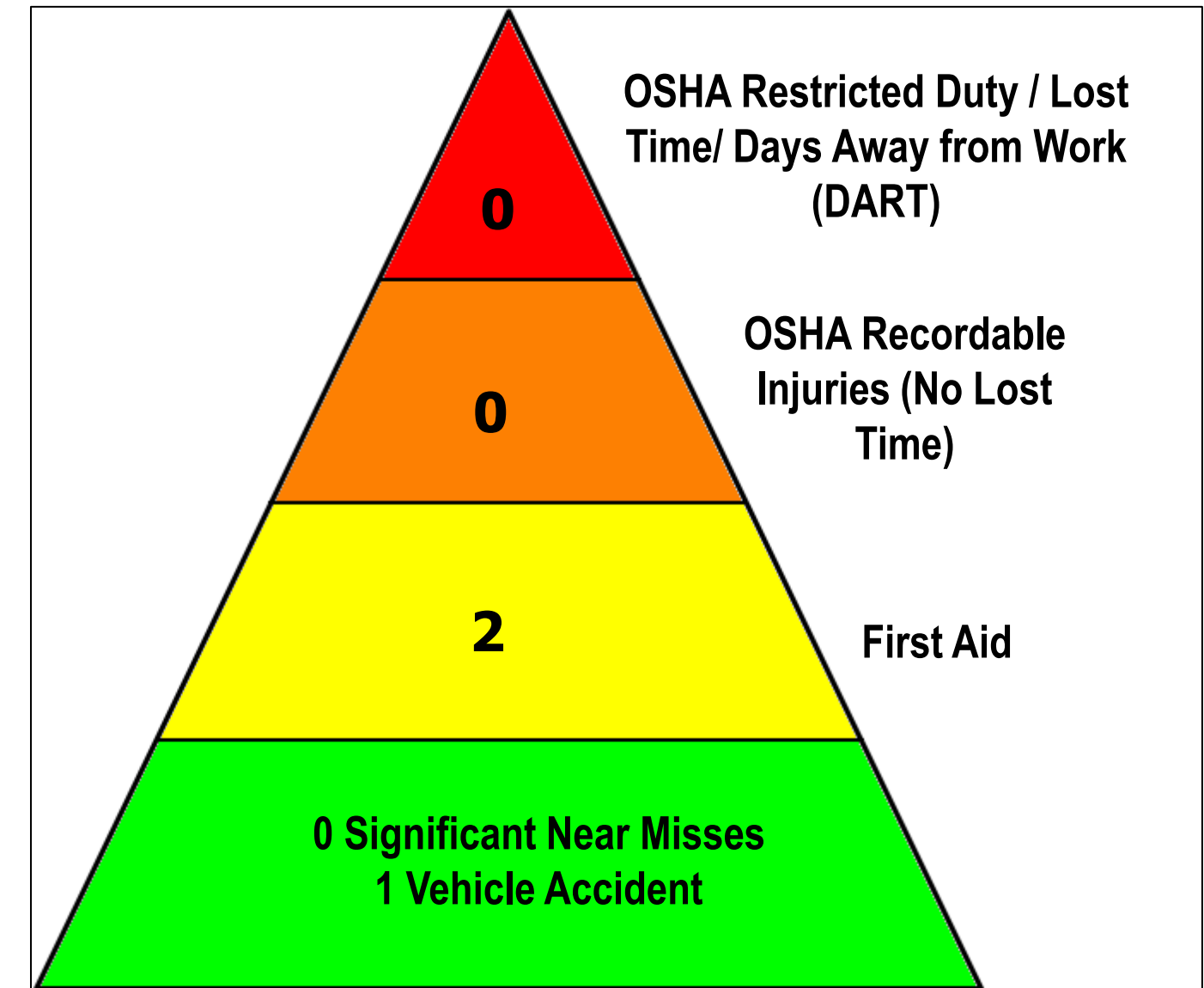
- Holtec Staff did not verify suitability of the HI-LIFT Crane hydraulic system and crane structure to affirm single failure design capability.
- Credited assumption did not have supporting calculations or design analysis properly documented prior to NRC inspection activities

ACTIONS to RESTORE COMPLIANCE:

- Issue entered into corrective action program
- Evaluation performed that confirmed single failure design capability of the crane
- NRC inspection of the evaluation

Safety

Date	Issue
5/1/2023	First Aid Supplemental worker sprained his ankle while working on 95' of U2 Containment (Champion)
5/22/2023	First Aid Supplemental worker dropped warehouse material on their foot.



2023	
<u>Dose IP2:</u>	<ul style="list-style-type: none"> Year to Date: 31.922 R Actual / 58.236 R Goal
<u>Dose IP3:</u>	<ul style="list-style-type: none"> Year to Date: 12.671 R Actual / 167.398 R Goal
<u>Personnel Contamination Event (PCE)</u>	
0 PCE's year to date	

Thank You!



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