



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION I
475 ALLENDALE ROAD, SUITE 102
KING OF PRUSSIA, PA 19406-1415

July 31 ,2025

Kelly Trice
President - HDI
Holtec Decommissioning International, LLC
Krishna P. Singh Technology Campus
1 Holtec Boulevard
Camden, NJ 08104

SUBJECT: HOLTEC DECOMMISSIONING INTERNATIONAL, LLC, INDIAN POINT ENERGY
CENTER UNITS 1, 2 AND 3 - NRC INSPECTION REPORT NOS.
05000003/2025002, 05000247/2025002, 05000286/2025002

Dear Kelly Trice:

On June 30, 2025, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at your Indian Point Energy Center (IPEC) Units 1, 2 and 3. The results of the inspection were discussed with Frank Spagnuolo, Site Vice President, and other members of your staff on July 29, 2025, and are described in the enclosed inspection report.

No violations of more than minor safety significance were identified.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response, if any, will be made available electronically for public inspection in the NRC Public Document Room and from the NRC's Agencywide Document Access Management System (ADAMS), accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made available to the public without redaction.

Sincerely,

Anthony Dimitriadis, Chief
Decommissioning, ISFSI, and Reactor Health
Physics Branch
Division of Radiological Safety and Security

Docket Nos. 05000003, 05000247 and 05000286
License Nos. DPR-5, DPR-26, and DPR-64

K. Trice

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Enclosure: Inspection Report Nos. 05000003/2025002,
05000247/2025002, and 05000286/2025002

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DATED JULY 31,2025

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U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report

Docket Nos. 05000003, 05000247, and 05000286

License Nos. DPR-5, DPR-26, and DPR-64

Report Nos. 05000003/2025002, 05000247/2025002, and 05000286/2025002

Enterprise Identifier: I-2025-002-0074

Licensee: Holtec Decommissioning International, LLC (HDI)

Facility: Indian Point Energy Center, Units 1, 2, and 3

Location: Buchanan, NY

Inspection Dates: April 1 – June 30, 2025

Inspectors: K. Warner, CHP, Senior Health Physicist
Decommissioning, ISFSI and Reactor Health Physics Branch
Division of Radiological Safety and Security

S. Veunephachan, Senior Health Physicist
Decommissioning, ISFSI and Reactor Health Physics Branch
Division of Radiological Safety and Security

Approved By: Anthony Dimitriadis, Branch Chief
Decommissioning, ISFSI and Reactor Health Physics Branch
Division of Radiological Safety and Security

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) conducted a routine decommissioning inspection of problem identification and resolution, fire protection, decommissioning performance and status reviews, financial assurance, occupational radiation exposure, and solid radioactive waste management and transportation. The inspection consisted of observations by the inspectors, interviews with site personnel, a review of procedures and records, and site walk-downs. The U.S. Nuclear Regulatory Commission's (NRC's) program for overseeing the safe decommissioning of a permanently shutdown nuclear power reactor is described in Inspection Manual Chapter (IMC) 2561, "Decommissioning Power Reactor Inspection Program."

List of Violations

None

Additional Tracking Items

None

SITE STATUS

Indian Point Units 1, 2, and 3 were inspected under the “Actively Decommissioning (DECON), No Fuel in the Spent Fuel Pool” category. The categories of decommissioning are described in IMC 2561.

The inspectors performed on-site decommissioning inspection activities on May 19 - 23, 2025 supplemented by in-office reviews and periodic phone calls. The inspection consisted of observations by the inspectors, interviews with site personnel, a review of procedures and records, and site walk-downs.

HDI continued reactor vessel internal segmentation for Unit 2 and Unit 3. The site has continued segmentation in Unit 1, including the 11 boiler. HDI continued conventional demolition including the access building and also continued to package and ship radioactive waste off-site during the inspection period.

INSPECTION SCOPES

The inspection was conducted using the appropriate portions of the inspection procedures (IPs). Currently approved IPs are located and may be viewed on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. The inspectors reviewed select procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards. The inspection was declared complete when the objectives of the IP were met, consistent with Inspection Manual Chapter (IMC) 2561, “Decommissioning Power Reactor Inspection Program.”

Inspection Procedure (IP) 37801, “Safety Reviews, Design Changes, and Modifications at Permanently Shutdown Reactors”

Decommissioning Safety Review Program (IP Section 3.01)

The inspectors reviewed 50.59 screenings to determine if changes made by HDI required prior NRC approval. The reviews included:

- 1) EC IPC-2023-098 / HI-SAFE GTCC System Implementation – IP2, IP3 Reactor Internals
- 2) Fire Hazards Analysis, IP3-ANAL-FP-02143
- 3) Fire Hazards Analysis, IP2-RPT-03-00015

IP 40801, “Problem Identification and Resolution at Permanently Shutdown Reactors”

The inspectors assessed the implementation and effectiveness of HDI’s corrective action program (CAP) to determine if a low threshold for problem identification existed and if HDI assigned timely and appropriate prioritization for issue resolution commensurate with the significance of the issue.

IP 71801, "Decommissioning Performance and Status Reviews at Permanently Shutdown Reactors"

Status of Decommissioning (IP Section 2.01)

The inspectors attended select management meetings, including station oversight committee and management review committee meetings.

Decommissioning Operations (IP Section 2.02)

The inspectors assessed field conditions and performed plant walk-downs of the following locations:

- 1) Unit 1, 2, and 3 containments
- 2) Unit 2 primary auxiliary building
- 3) Unit 3 primary auxiliary building

IP 83750, "Occupational Radiation Exposure at Permanently Shutdown Reactors"

Radiological Work Planning and Observation (IP Section 2.02)

The inspectors reviewed radiation work permits (RWPs), as low as reasonably achievable (ALARA) work plans and observed radiation protection (RP) activities associated with the following work:

- 1) Unit 2 reactor vessel internal segmentation
- 2) Unit 3 reactor vessel internal segmentation
- 3) Unit 2 boric pump removal

Airborne and Contamination Controls

The inspectors observed the following activities for contamination control:

- 1) Workers exiting of the radiologically controlled area (RCA) for Unit 1, 2, and 3.
- 2) Radiation protection (RP) technicians surveying and decontaminating material for release from the RCA
- 3) Verifying daily checks were performed for personnel frisking radiation instruments
- 4) Walk downs and observations of continuous air monitors located in Unit 1, 2, and 3 containments.

The inspectors observed the following source check of radiation instruments:

- 1) Mirion Telepole II
- 2) Ludlum 44-9 Frisker
- 3) Thermo Fisher Scientific RO-20 Ion Chamber Survey Meter
- 4) Eberline BC-4 Beta Counter

INSPECTION RESULTS

No violations of more than minor significance were identified.

EXIT MEETING

On July 29, 2025, the inspectors presented the inspection results to Frank Spagnuolo, Site Vice President, and other members of the IPEC organization. No proprietary information was retained by the inspectors or documented in this report.