

U.S. NUCLEAR REGULATORY COMMISSION

Region I

Report No. 50-286/82-19

Docket No. 50-286

License No. DPR-64 Priority -- Category C

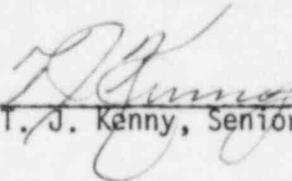
Licensee: Power Authority of the State of New York
10 Columbus Circle
New York, New York 10019

Facility Name: Indian Point Nuclear Generating Station, Unit 3

Inspection at: Buchanan, New York

Inspection conducted: October 16, 1982 to November 15, 1982

Inspectors:

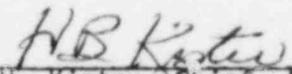


T. J. Kenny, Senior Resident Inspector

11/15/82

date

Approved by:



H. Kister, Chief, Reactor Project Section
1C, DPRP

11/17/82

date

Inspection Summary:

Inspections on October 16, 1982 to November 15, 1982 (Inspection Report 50-286/82-19)

Areas Inspected: Routine onsite regular and backshift inspections of plant operations including shift logs and records; plant tour; surveillance; maintenance; receipt of improperly packaged radiological materials; and, review of monthly operating report. The inspection involved 113 inspector hours by the resident inspector.

Results: Of the five areas inspected, no violations were identified.

DETAILS

1. Persons Contacted

M. Albright, Instrument and Control Superintendent
J. Brons, Resident Manager
J. Dube, Security and Safety Supervisor
D. Halama, Q.A. Superintendent
W. Hamlin, Assistant to the Resident Manager
W. Josiger, Superintendent of Power
J. Perrotta, Radiological and Environmental Services Superintendent
S. Munoz, Technical Services Supervisor
E. Tagliamonti, Operations Superintendent
J. Vignola, Maintenance Superintendent

The inspector also interviewed and observed other licensee employees including members of the operations, health physics, technical services, maintenance, and security staffs.

2. Licensee Actions on Previous Inspection Findings

(Closed) Unresolved Items (50-286/78-28-02 & 80-21-02) These items address concerns related to PT-A05 Electrical Heat Tracing. This annual test performed on the heat tracing circuits, which prevent freezing of piping at the screen well intake, consistently identifies problems with circuits that are not used in the summer months. A recent review, by the inspector, of the most recent surveillance test performed by the licensee closes these items. Refer to Section 4.B of this report for details.

(Closed) Unresolved Item (50-286/79-12-01) Establish procedures for flushing and hydrostatic testing of yard mains. After a review of Administrative Procedure AP-12 "Modifications," and discussions with the licensee, the inspector has determined that if future additions were added to the fire mains, hydrostatic testing and flushing procedures would be an integral part of the modification package.

(Closed) Unresolved Item (50-286/79-15-01) Pipe support deficiencies. The inspector conducted a review of the pipe support deficiencies delineated in inspection report 79-15, and has determined that proper repairs and actions taken by the licensee are acceptable.

(Closed) Unresolved Item (50-286/79-23-05) Review by the licensee of lamellar tearing of foundations. The unresolved item stemmed from the discovery, by the inspector, that a portion of a plate in the steam generator support had been cut away to accommodate a large drilling rig that was necessary to repair a broken stud on #31 steam generator. The inspector reviewed repair package M-I-763-3C, which was utilized to replace the portion of the plate on the steam generator support structure. The inspector found the repairs were satisfactory, and has no further questions regarding this item.

(Closed) Item (50-286/79-28-07) Failure to adequately review, evaluate, and resolve surveillance. The inspector reviewed Inspection Report 79-28 and considers this item closed.

(Closed) Unresolved Item (50-286/80-08-06) Review action of PR 263 and Saunders-type diaphragm valves. The licensee plans to change the setpoint of PR 263 from 200 psig \pm 25% to 150 psig \pm 25% to protect the Saunders valves which are designed for 200 psig. The incident delineated in the inspection report 80-08 resulted from operator error. The inspector has reviewed the procedures for valve lineups, and has noted the revisions incorporated to prevent recurrence are satisfactory.

(Closed) Unresolved Item (50-286/32-14-02) Resolution for timely review of 24 hour notification items by the offsite Safety Review Committee. The licensee has reviewed all 24 hour notification events to date, in the August meeting. The licensee has also adjusted their meeting schedules to accommodate the review of 24 hour notification events on a 3 to 4 month basis. This item is considered closed.

3. Plant Tour

A. Normal and backshift inspections were conducted during routine entries into the protected area of the plant, including the control room, PAB, fuel building, and containment. During the inspection activities, discussions were held with operators, technicians (HP & I&C), mechanics, foremen, supervisors, and plant management. The purpose of the inspection was to affirm the licensee's commitments and compliance with 10 CFR, Technical Specifications, and Administrative Procedures. Particular attention was directed in the following areas:

- Instrumentation and recorder traces for abnormalities;
- Proper control room and shift manning;
- Proper use of procedures;
- Review of logs to obtain plant conditions;
- Verification of proper radiologically controlled areas and access points;
- Verification of surveillance testing for timely completion;
- Verification of safety related tagouts;

- Plant housekeeping and cleanliness;
 - That protected area access controls were in conformance with the security plan, including sufficient guards to perform duties, and that selected gates and doors were closed and locked;
 - Selected liquid and gaseous samples to verify conformance with regulatory requirements prior to release; and,
 - Boric acid samples to confirm proper boric acid level for plant shutdown conditions.
- B. During the inspection, the inspector reviewed the following procedures, documents, or evolutions:
- Radioactive Waste Release Permit (liquid & gaseous)
 - Various shift turnover checklists
 - Security Station Logs and Radio Checks
 - Jumper Log
 - Selected Operators' Logs
 - Selected Tagouts
 - Selected Radiation Exposure Authorization (REA's)

No violations were identified.

4. Surveillance

- A. The inspector either directly observed the performance of or reviewed completed surveillance procedures to ascertain the following:
- That the instrumentation used was properly calibrated;
 - That the redundant system or component was operable where required;
 - That properly approved procedures were used by qualified personnel;
 - That the acceptance criteria were met;
 - That the test data were accurate and complete;
 - That proper reviews, by the licensee, had been conducted;
 - That the results of the tests met Technical Specification requirements; and,
 - That the testing was done within the required surveillance schedule.

The inspector reviewed the following tests:

- 3PT-W1 Diesel Generator Test
- 3PT-W7 Carbon Dioxide System Inspection
- 3 PT-M21 Station Batteries Surveillance
- 3 PT-M37B Fire Protection Valve and Hose Station Inspection
- 3 PT-Q21 Steam Generator Blowdown Valve Testing
- 3 PT-A15 High Pressure Fire Protection System Valve Cycling

- B. The inspector recently reviewed PT-A05, surveillance of heat tracing on the equipment located at the intake structure. The results were the same as in past years with regard to circuit lights not functioning, switch boxes containing moisture and corrosion, and circuits not functioning. This PT is performed to prove the circuits functional for the winter months. As in the past, these circuits were repaired and made functional

The inspector addressed to management the subject of moisture and corrosion, as well as non-functioning circuits, and asked what course would be taken to prevent reoccurrence. Management has started repairs on the affected circuits and other problems delineated in the surveillance test, and has begun a study to correct the moisture problems. A long range solution, according to discussions, will be to erect a structure over the area to keep out the weather.

No violations were identified.

5. Maintenance

The inspector selected completed maintenance activities listed below to ascertain the following:

- The activities did not violate a limiting condition for operation;
- That redundant components were operable;
- That equipment was tagged out in accordance with licensee approved procedures;
- That approved procedures, adequate to control the activity, were being used by qualified technicians;
- That Q/C hold points were observed, and that materials were properly certified;
- That radiological controls were proper and in accordance with licensee approved radiation exposure authorizations; and,
- That the equipment was properly tested prior to return to service.

- 1) Installation of Containment Pressure Monitor and Recorders PR 1421, 1422 in the Control Room.

Documents Reviewed:

- Work Request 1345
- Modification Package 80-3-51-ESS
- Purchase Orders 81-IP-0939 Stak-ons
81-IP-2150 Clear heat shrink
79-IP-0944 Tywraps
80-IP-1312 Flamaster
- Torque Wrench 4810 Certification
- Various weld travelers
- Weld material requisitions 8717, 8716, and 8714
- Quality Assurance signatures for various portions of the modification
- Certification papers for the above purchase orders

- 2) Addition of Swagelock Valve in drain lines to HCV 142, 123, 133

Documents Reviewed:

- Work Request 2749
- Modification Package 82-03-034
- Weld travelers within the modification package

- 3) Inspection of #32 Main Steam Isolation Valve.

Documents Reviewed:

- Work Request 2988
- Torque Wrench M-326 Certification
- Purchase Order 81-IP-0418 Basket

No violations were identified.

6. Receipt of Radiological Materials

During this inspection period, the inspector reviewed the actions taken by the licensee with regard to the receipt of packaged Radiological Materials. On September 24, 1982, the licensee was removing newly acquired equipment from the packaging, and discovered a box of unmarked radiological sources. The licensee placed this box into their source vault until it could be resolved as to the origin of the sources. The licensee determined that the sources were shipped by mistake by the manufacturer of the source test equipment. The licensee also determined that they were to receive the sources, but in another shipment with proper certification. This certification has subsequently been received, and the sources are being utilized by the licensee.

The inspector contacted Region I and Region III with details of the incident.

No violations were identified.

7. Review of Monthly Report

A. Monthly Operating Report

The Monthly Operating Report for September, 1982 was reviewed. The review included an examination of selected maintenance work requests, and an examination of significant occurrence reports to ascertain that the summary of operating experience was properly documented.

B. Findings:

The inspector verified through record reviews and observations of maintenance in progress that:

- The corrective action was adequate for resolution of the identified items; and,
- The operating report included the requirements of TS 6.9.1.6.

The inspector has no further questions relating to the report.

8. Exit Interview

At periodic intervals during the course of the inspection, meetings were held with senior facility management to discuss the inspection scope and findings. An additional exit interview was held on November 15, 1982 to summarize inspection findings, and to discuss plant status and current inspector concerns.