

U.S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 50-286/84-23

Docket No. 50-286

License No. DPR-286

Priority -

Category C

Licensee: Power Authority of the State of New York
P. O. Box 215
Buchanan, New York 10511

Facility Name: Indian Point 3 Nuclear Power Plant

Inspection At: Buchanan, New York

Inspection Conducted: October 2-5, 1984

Inspectors: P. Clemons
P. Clemons, Radiation Specialist

10/7/84
date

Approved by: M. Shanbaky
M. Shanbaky, Chief, Facilities Radiation
Protection Section, Radiation Protection
Branch

11/7/84
date

Inspection Summary: Inspection on October 2-5, 1984 (Report No. 50-286/84-23)

Areas Inspected: Routine, unannounced safety inspection of the Radiation Protection Program including: purpose, exposure control, training, respiratory protection, surveys, posting and labeling, procedures, source leak tests, and instrument calibration. This inspection involved 37 inspector-hours onsite by one regionally based inspector.

Results: No violations were identified.

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Details

1. Persons Contacted

1.1 Licensee Personnel

J. Brons, Resident Manager
J. Russell, Superintendent of Power
W. Hamlin, Assistant to Resident Manager
J. Perrotta, Radiation and Environmental Services Superintendent
D. Quinn, Senior Radiological Engineer
R. Deschamps, General Health Physics Supervisor
J. Labenski, Radiological Engineer
R. LaVera, Health Physics Supervisor
P. Saunders, Health Physics Supervisor
L. Eagens, Clerk

1.2 NRC Personnel

L. Rossbach, Resident Inspector

Other licensee personnel were contacted and interviewed during this inspection.

2. Purpose

The purpose of this routine inspection was to review the licensee's radiation protection activities with respect to the following elements:

- Review of Procedures;
- Review of Exposure Control;
- Review of Surveys;
- Review of Source Leak Tests;
- Review of Personnel Training;
- Review of Posting and Labeling;
- Review of Respiratory Protection; and
- Review of Instrument Calibrations.

3. Exposure Control

The External Exposure Control Program was reviewed against the criteria contained in 10 CFR 20.101, "Radiation dose standards for individuals in restricted areas," and 10 CFR 20.102, "Determination of prior dose."

The licensee's performance relative to these criteria was determined by interviewing the Acting Dosimetry Supervisor, and by reviewing selected documents.

Within the scope of this review, no violations were identified.

4. Personnel Training

Personnel training was reviewed against criteria contained in 10 CFR 19.12, "Instructions to Workers" and Regulatory Guide 8.27, "Radiation Protection Training for Personnel at Light Water Cooled Nuclear Power Plant," and Procedure No. RE-HPP-8.1, "Radiation Safety Training."

The licensee's performance relative to these criteria was determined from discussions with the Supervisor of Respiratory Protection, and Radiological Training, the Radiological Engineer and other staff members, and review of training records for approximately 20 employees.

Within the scope of this review, no violations were identified.

5. Posting and Labeling

The licensee's program for area posting and control was reviewed against the criteria in 10 CFR 20.203, "Caution signs, labels, signals and controls."

The licensee's performance relative to these criteria was determined from a tour of the Controlled Areas and from discussions with the staff members.

Within the scope of this review, no violations were identified.

6. Surveys

The licensee's survey program was reviewed against criteria contained in 10 CFR 20.201, "Surveys."

The licensee's performance relative to these criteria was determined by discussion with the General Health Physics Supervisor and by reviewing appropriate records.

Within the scope of this review, no violations were identified.

7. Source Leak Test

Source leak tests were reviewed against criteria contained in Technical Specification 3.9. The licensee's performance relative to these criteria was determined from discussion with the responsible Health Physics Supervisor and review of appropriate records.

Within the scope of this review, no violations were identified.

8. Procedure Review

The adequacy and effectiveness of the licensee's procedures were reviewed against the criteria contained in:

Technical Specification 6.8, "Procedures," and

Technical Specification 6.11, "Radiation and Respiratory Protection Program."

Procedures reviewed included:

"Radiological and Environmental Procedure Preparation Review and Approval", Procedure No. AD-1.0.

"Training of Radiation and Environmental Services Department Technicians", Procedure No. AD-2.2.

"Routine Chemistry Specifications and Frequency", Procedure No. CS-012.

"Direct Reading Dosimeters Leak Check and Calibration", Procedure No. HPI-4.13.

"Respiratory Protection Manual and Policies", Procedure No. RP-11.1.

"Respiratory Protection Training", Procedure No. RP-11.15.

"Inspection, Maintenance and Quality Assurance of Respiratory Protection Equipment," Procedure No. RP-11.16.

The licensee's performance relative to the criteria was determined from discussions with the General Health Physics Supervisor and the Health Physics Supervisors, direct observation of activities, and examination of selected records.

Within the scope of this review, no violations were identified.

9. Respiratory Protection

The adequacy and effectiveness of the licensee's respiratory protection program was reviewed against the criteria contained in 10 CFR 20.103, "Exposure of individuals to concentrations of radioactive materials in air in restricted areas", and in applicable procedures. The licensee's performance relative to these criteria was determined by discussions with the Senior Radiological Engineer and other members of the staff responsible for the program, and by reviewing appropriate documents.

Within the scope of this review, no violations were identified.

10. Instruments and Equipment

Instruments and equipment were reviewed against the criteria contained in 10 CFR 20.202, "Personnel monitoring", and applicable procedures.

The licensee's performance relative to these criteria was determined by discussions with a Health Physics Supervisor, and by reviewing appropriate documents.

Within the scope of this review, no violations were identified.

11. Exit Interview

The inspector met with licensee representatives (denoted in paragraph 1) at the conclusion of the inspection on October 5, 1984. The inspector summarized the purpose and scope of the inspection, and the inspection findings.

At no time during this inspection was written material provided to the licensee by the inspector.