

U.S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 50-247/84-20

Docket No. 50-247

License No. DPR-26 Priority -- Category C

Licensee: Consolidated Edison Company of New York, Inc.

4 Irving Place

New York, New York 10003

Facility Name: Indian Point Nuclear Generating Station, Unit 2

Inspection At: Indian Point Station, Buchanan, New York

Inspection Conducted: July 18, 1984

Prepared by: *R. L. Nimitz*
R. L. Nimitz
Senior Radiation Specialist

7/31/84
date

Approved by: *J. P. White*
M. M. Shanbaky, Chief, Facilities
Radiation Protection Section

7/31/84
date

Meeting Summary:

Enforcement Conference at Indian Point Station on July 18, 1984, to discuss the findings of Special Inspection 50-247/84-13. This report described deficiencies in the licensee's control of high radiation, performance and evaluation of measurements of airborne radioactivity, selection of radiation protection personnel, and several other radiological protection program deficiencies. The report also described the unplanned exposures of two workers which occurred on June 19, 1984.

This meeting was attended by NRC and licensee management and lasted approximately four hours.

DETAILS

1. Participants

1.1 Consolidated Edison Company

C. Jackson, Vice President - Nuclear Power
J. Nutant, Vice President - Environmental Affairs
J. Basile, General Manager - Nuclear Power Generation
M. Miele, General Manager - Environmental Health and Safety
B. Paskovic, Regulatory Engineer

1.2 NRC

T. Martin, Director - Division of Engineering and Technical Programs
R. Bellamy, Chief - Radiological Protection Branch
M. Shanbaky, Chief - Facilities Radiation Protection Branch
R. Nimitz, Senior Radiation Specialist
J. White, Senior Radiation Specialist

2. Introduction

The Enforcement Conference was held at the request of NRC Region I to discuss the Radiological Controls Program deficiencies and/or violations identified during Special Inspection 50-247/84-13. The discussions at this conference focused on the identified deficiencies and violations; their significance, cause, and licensee corrective actions thereof; and the licensee's plans for improving the overall quality of the Radiological Controls Program at the Indian Point Nuclear Generating Station, Unit 2.

3. Discussion

NRC personnel presented the apparent Radiological Controls Program deficiencies and/or violations identified during Special Inspection 50-247/84-13 and 50-247/84-17. The findings discussed were in the following areas:

- High Radiation Area Controls
- Radiological Control Program Procedures
- Respiratory Protection Program
- ALARA Program
- Training Program
- The July 15, 1984, Airborne Radioactivity Event in the Unit 1 Radioactive Waste Building

In addition, the unplanned exposure of two workers was discussed in relation to high radiation area control and training program deficiencies.

The licensee was asked to provide his perception of these findings, any additional qualifying information, his corrective action for these findings, and his plans for improving the overall quality of his Radiological Controls Program.

4. Licensee Presentation

Licensee management described the results of their evaluation of the performance of the Radiological Controls Program at Indian Point Unit 2 over the past year. The licensee's basis for his evaluation was previous NRC findings, previous licensee findings, a comparison of the licensee's program to other utilities' program, and a comparison of the program with current regulatory guidances. The licensee concluded that his findings were in general agreement with those of the NRC.

Licensee personnel presented a description of the immediate, interim, and long term corrective actions taken or planned to upgrade his Radiological Controls Program and address NRC findings. The licensee's plans considered the need to maintain adequate radiological controls and management oversight for the current outage. The plans included the development and implementation of a Radiological Protection Plan and a Radiological Protection Program Improvement Program.

The licensee presented a plan to upgrade his Radiological Controls Program. The plan provided for a comprehensive schedule to overhaul the program with projected dates for completion of each of these program improvements.

5. Concluding Statements

Licensee management concluded by stating that significant attention and resources would be directed to upgrading the Radiological Controls Program at Indian Point Unit 2 in a timely manner.

NRC Region I management acknowledged that the plans and actions presented appeared to adequately address NRC concerns. NRC Region I management stated that the licensee would be informed of the enforcement action addressing the unplanned exposure of two workers at a later date. NRC Region I management also stated that anticipated progress and program improvements will continue to be monitored and evaluated during future inspection efforts.