

U. S. ATOMIC ENERGY COMMISSION
DIRECTORATE OF REGULATORY OPERATIONS
REGION I

RO Inspection Report No: 50-286/74-18

Docket No: 50-286

Licensee: Consolidated Edison Company (Indian Point 3)

License No: CPPR-62

4 Irving Place

Priority: _____

New York, New York 10003

Category: B

Location: Buchanan, New York

Type of Licensee: PWR, 1050 (Westinghouse)

Type of Inspection: Special, Announced

Dates of Inspection: September 28-October 1, 1974

Dates of Previous Inspection: September 16-20, 1974

Reporting Inspector: S A Folsom
Seth A. Folsom, Reactor Inspector

10/8/74
Date

Accompanying Inspectors: None

Date

Date

Date

Date

Other Accompanying Personnel: None

Date

Reviewed By: R. F. Carlson

10/9/74
Date

for R. F. Heishman, Senior Reactor Inspector

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SUMMARY OF FINDINGS

Enforcement Action

None

Licensee Action on Previously Identified Enforcement Items

Not Inspected.

Design Changes

None Identified

Unusual Occurrences

None Identified

Other Significant Findings

A. Current Findings

1. A cold hydrotest of the reactor primary coolant system was performed during the inspection. No deficiencies were identified. (Details, Paragraph 2)

B. Status of Previously Reported Unresolved Items

Not reviewed during this inspection.

Management Interview

An exit interview was conducted at the site at the conclusion of the inspection on October 1, 1974, with the following in attendance:

Consolidated Edison Company

Mr. W. Josiger, Test Engineer
Mr. V. M. Perry, Jr., Superintendent of Construction

The following items were discussed:

The inspector stated that the purpose of this inspection was to examine the procedures, documentation, and implementation of the reactor primary coolant system cold hydrotest. No deficiencies had been identified. The licensee acknowledged this information. (Details, Paragraph 2)

DETAILS

1. Persons Contacted

Consolidated Edison Company

Mr. H. W. Cairns, Supervising Construction Inspector
Mr. R. Goyette, Training Instructor
Mr. W. Josiger, Test Engineer
Mr. A. Kohler, Jr., Resident Construction Manager
Mr. C. MacKay, Watch Foreman
Mr. V. M. Perry, Jr., Superintendent of Construction
Mr. J. Russell, Watch Foreman
Mr. J. Spellman, Field Engineer
Mr. J. S. White, Quality Assurance Project Engineer (HQ)
Mr. S. S. Zulla, Operations Engineer

WEDCO

Mr. R. E. Barclay, Operations Manager
Mr. S. R. Buckingham, Quality Assurance Manager
Mr. G. Williams, Test Engineer

Lumbermens Mutual/Casualty Company

Mr. H. A. Todd, Loss Control Consultant (Authorized Code Inspector)

2. Reactor Primary Coolant System Hydrotest

a. The inspector examined the following Wedco procedures prior to the start of the reactor primary coolant system hydrotest:

INT-TP-1.0, General Flushing Procedure
INT-TP-1.1, RCS Hand Cleaning
INT-TP-2.0, Water Chemistry Requirements
INT-TP-3.0, General Hydrostatic Test Requirements
INT-TP-3.5, RCS Cold Hydro Test
WEGR-0-43, Installation and Removal of Reactor Vessel Head

b. The following were examined during the pressure ascension, and at test pressure (3105 psig) and temperature (average loop 183°F).

Charging pumps and associated instrumentation

Water analyses
Valve positioning
Temperature, pressure, and timing
Instrument calibration
Test staffing
Control room logs
Master hydrotest record
Leakage rates and locations

- c. The test conditions of 3105 psig pressure and 183 degrees Fahrenheit were reached at 5:05 p.m. on October 1, and were held for more than 30 minutes before pressure was reduced. The Authorized Code Inspector, Mr. H. A. Todd, Lumbermens Mutual Casualty Company, National Board No. 4526, NY State No. 1934, witnessed the test.
- d. A number of delays were encountered in the performance of the pressure ascension. The delays were due to malfunctions of instrumentation, and minor valve leaks which were corrected prior to attainment of the final test pressure.

No deficiencies were identified.