

U. S. ATOMIC ENERGY COMMISSION
REGION I
DIVISION OF COMPLIANCE

Report of Inspection

CO Report No. 286/69-8

Licensee: CONSOLIDATED EDISON COMPANY (IP-3)
Construction Permit No. CPPR-62
Category A

Date of Inspection: October 29, 1969

Dates of Previous Inspection: October 8 - 9, 1969

Inspected By: R. E. Heishman 11/6/69
R. E. Heishman, Reactor Inspector (Responsible) Date

D. Whitesell 11/6/69
D. Whitesell, Reactor Inspector (Construction) Date

J. B. Henderson 11/6/69
J. B. Henderson, Senior Construction Engineer Date
CO:HQ

Reviewed By: R. T. Carlson 11/6/69
R. T. Carlson, Senior Reactor Inspector Date

Proprietary Information: None

SUMMARY

The initial in-depth inspection of the quality assurance (QA) program for the construction of the Indian Point 3 facility is scheduled for the week of November 17-21, 1969. The management portion of this inspection was held in the corporate offices of Consolidated Edison Company, Inc., in New York City, on October 29, 1969. The purpose, scope, organization and inspection techniques were explained to the licensee's corporate management, their QA auditor, U. S. Testing Company, and responsible project personnel. Also in attendance were project management personnel from the Turnkey contractor, Westinghouse (including Wedco) and their major subcontractor, United Engineers and Constructors.

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DETAILS

I. Scope of Inspection

An introductory meeting with management and senior project representatives of the Consolidated Edison Company, associated with the Indian Point No. 3 plant, was conducted on October 29, 1969. The Division of Compliance was represented by R. T. Carlson, Senior Reactor Inspector, Region I, R. F. Heishman, Responsible Reactor Inspector, Region I, D. Whitesell, Reactor Inspector (Construction), Region I, and J. B. Henderson, Senior Construction Engineer, Headquarters. The meeting was held to acquaint the licensee with the purpose, scope and organization of the scheduled in-depth review of the Indian Point No. 3 QA program.

The following persons attended the initial management meeting:

Consolidated Edison Company (Con Ed)

- Mr. W. J. Cahill, Vice President, Engineering
- Mr. A. C. Husband, Vice President, Construction
- Mr. G. C. Nicholson, Assistant to Vice President, Construction
- Mr. J. J. Grob, Chief Mechanical Engineer
- Mr. G. Wasilenko, Assistant Mechanical Engineer
- Mr. J. H. Coulch, Administrator
- Mr. F. D. McElwee, Resident Construction Manager
- Mr. J. A. Corcoran, Project Superintendent
- Mr. O. Gluck, Engineer
- Mr. E. J. Dadson, Staff Assistant QC
- Mr. F. M. Matra, Construction Superintendent, IP-3
- Mr. L. M. Trosten, LeBoeuf, Lamb, Leiby & MacRae (Con Ed Counsel)

U. S. Testing Company (UST)

- Mr. I. J. Fuchs, Vice President, Engineering
- Mr. C. H. McDonnell, Engineering Manager

Westinghouse Electric Company (Westinghouse)

- Mr. A. A. Simmons, Engineering Manager, Nuclear Energy Systems
- Mr. W. G. Cheney, Westinghouse, New York
- Mr. E. J. Staffil, Assistant to the Executive Vice President, Wedco
- Mr. M. L. Snow, Reliability Manager, Wedco
- Mr. T. A. Lawson, QC Engineer, Wedco

United Engineers and Constructors (UE&C)

Mr. R. F. Duerr, Supervising Engineer
Mr. R. J. Vurpillat, Assistant Manager, Reliability and QA

Division of Compliance (CO)

Mr. R. T. Carlson, Senior Reactor Inspector, Region I
Mr. R. F. Heishman, Reactor Inspector, Region I
Mr. D. Whitesell, Reactor Inspector (Construction), Region I
Mr. J. B. Henderson, Senior Construction Engineer, Headquarters

II. Results of Inspection

The meeting was opened by Mr. Carlson introducing the Compliance Division representatives and restating the purpose of the meeting. It was emphasized that the intent of the inspection was to obtain objective evidence of the extent the licensee and his principal contractors have formulated and are implementing the QA program described in the application. The recently published criteria in proposed Appendix B to 10 CFR 50 was mentioned as being a guide for the inspectors, however, the program outlined in the application would be utilized as the basis of evaluation. It was explained that the inspection team would perhaps include persons from DRL and/or DRS but would be a Compliance inspection and in no way constitute a reevaluation by any other part of the Regulatory or substitute for future DRL reviews.

Mr. Henderson explained his role in the inspection effort as Compliance, Headquarters coordinator for all QA program inspections. He pointed out that Headquarters' participation in these inspections was intended for the purpose of obtaining uniformity of understanding and interpretation of the proposed QA criteria.

The mechanics and techniques to be followed by the inspectors were described and the review areas to be covered were briefly discussed. It was pointed out that the normal exit interview would not be held at the conclusion of the inspection, but would be accomplished approximately three weeks following the inspection after a review of the information obtained during the inspection.

The inspectors were informed by Con Ed and its contractors of the changes in the QA program as described in the application which mainly involved personnel changes and the reorganization to include the new Wedco organization. During the discussions Mr. Cahill emphasized that this consists mainly of additions to the QA program which make it stronger and more effective. The inspection plan will include review of the degree of participation by Wedco.

Con Ed was informed that they would be advised of the detailed inspection itinerary in the near future.