

U.S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 50-293/84-25

Docket No. 50-293

License No. DPR-35 Priority -- Category C

Licensee: Boston Edison Company M/C Nuclear
25 Braintree Hill Office Park
Braintree, Massachusetts 02184

Facility Name: Pilgrim Nuclear Power Station

Meeting At: NRC Region I King of Prussia, PA

Meeting Conducted: October 16, 1984

Prepared by R. L. Nimitz
R. L. Nimitz, Senior Radiation Specialist

10/26/84
date

Approved by: W. J. Pasciak
W. J. Pasciak, Chief, BWR Radiation Safety
Section

10/31/84
date

Meeting Summary:

Enforcement Conference at NRC Region I, King of Prussia, Pennsylvania, on October 16, 1984, to discuss the findings of Special Inspection 50-293/84-25. The topics discussed at the meeting were: the August 18, 1984, unplanned extremity exposure of a worker; the licensee's corrective action for this exposure and a similar exposure which occurred on January 18, 1984; and the licensee's plans for reviewing, evaluating, and upgrading the Radiological Controls Program at Pilgrim Station.

The meeting was attended by NRC and licensee management and lasted about two hours.

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DETAILS

1. Participants

1.1 Boston Edison Company

W. D. Harrington, Senior Vice President, Nuclear
A. L. Oxsen, Vice President, Nuclear
J. D. Keyes, Group Leader, Regulatory Affairs and Programs
C. J. Mathis, Nuclear Operations Manager
A. R. Trudeau, Chief, Radiological Engineer

1.2 Boston Edison (Consultant)

D. R. Neely, Hydro-Nuclear Services

1.3 Nuclear Regulatory Commission

T. E. Murley, Regional Administrator
J. M. Allan, Deputy Regional Administrator
R. W. Starostecki, Director, Division of Projects and Resident Programs
R. R. Bellamy, Chief, Radiological Protection Branch
E. C. Wenzinger, Chief, Reactor Projects Branch 3
W. J. Pasciak, Chief, BWR Radiation Safety Section
L. E. Tripp, Chief, Reactor Projects Section 3A
G. W. Meyer, Project Engineer, Reactor Projects Section 3A
J. R. Johnson, Senior Resident Inspector
J. R. White, Senior Radiation Specialist
R. L. Nimitz, Senior Radiation Specialist

2. Purpose

The Enforcement Conference was held at the request of NRC Region I to discuss the August 18, 1984, unplanned extremity exposure of a worker and apparent program deficiencies and/or violations associated with the unplanned exposure. The discussions at this meeting focused on: the identified deficiencies and violations; their significance, cause and licensee corrective actions thereof; and the licensee's plans for reviewing, evaluating, and upgrading the Radiological Controls Program at Pilgrim Station.

3. Discussion

NRC management stated that this enforcement conference was a follow-up to the Management Meeting held on September 5, 1984 (Report No. 50-293/-84-25). The licensee was asked to: provide his perception of the findings presented in Report No. 50-293/84-25; provide additional qualifying information; and provide his plans for reviewing, evaluating, and upgrading the Radiological Controls Program at Pilgrim Station.

4. Licensee Presentation

Licensee management stated that they had no additional qualifying information for the findings presented in Report No. 50-293/84-25.

Licensee personnel described the corrective action implemented after the August 18, 1984 unplanned extremity exposure to allow resumption of control rod drive (CRD) disassembly work in the CRD Repair Room. The actions included extensive decontamination of the CRD Repair Room, revision and implementation of approved CRD disassembly procedures, establishment and implementation of CRD mock-up training program, the provision of additional radiological controls personnel to monitor on-going CRD disassembly operations, and the use of a contractor to review, evaluate, and recommend improvements for CRD disassembly operations in the CRD Repair Room. In addition licensee management stated that the General Electric Supervisor and the licensee management individual, responsible for oversight of CRD disassembly operations, have been replaced.

The licensee discussed his plan for performing an in-depth assessment of the Radiological Controls Program at Pilgrim Station. The licensee said that an independent contractor assessment of the radiological controls program would be performed and completed before December 1984 and that the findings of the assessment would form the basis for the development of a Radiological Improvement Program. Licensee management said appropriate milestones and due dates for tracking program improvements would be established. Also, the licensee said that a formal submittal regarding the Radiological Improvement Program would be made to the Regional Administrator, Region I.

5. Concluding Statements

Licensee management concluded by stating that significant management attention and resources has been directed to reviewing, evaluating, and upgrading the Radiological Controls Program at Pilgrim Station.

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 need for and nature of appropriate enforcement action relative to the apparent violations and deviation at a later time.