

Docket No.: 50-293

October 28, 1987

Boston Edison Company
ATTN: Mr. Ralph E. Bird
Senior Vice President - Nuclear
800 Boylston Street
Boston, Massachusetts 02199

SUBJECT: ISSUANCE OF AMENDMENT NO. 107 TO FACILITY OPERATING LICENSE NO. DPR-35
(TAC# 65834) PILGRIM NUCLEAR POWER STATION

Dear Mr. Bird:

The Commission has issued the enclosed Amendment No. 107 to Facility Operating License No. DPR-35 for the Pilgrim Nuclear Power Station. This amendment consists of changes to the Technical Specifications in response to your application dated July 28, 1987.

This amendment revises the Technical Specification Table 4.2.A to specify the correct calibration frequency for the reactor high pressure instrument channel. This corrects an error made in the licensee's proposal regarding the installation of the Analog Trip System and associated Technical Specification changes issued in Amendment 99.

A copy of our Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's Bi-Weekly Federal Register Notice.

Sincerely,

15/

Richard H. Wessman, Senior Project Manager
Project Directorate I-3
Division of Reactor Projects I/II

Enclosures:

1. Amendment No. 107 to DPR-35
2. Safety Evaluation

cc w/enclosures:
See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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Sincerely,

A handwritten signature in black ink, appearing to read "R. Wessman".

Richard H. Wessman, Senior Project Manager
Project Directorate I-3
Division of Reactor Projects I/II

Enclosures:

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2. Safety Evaluation

cc w/enclosures:
See next page

~~8711020020~~
IP.

Mr. Ralph G. Bird
Boston Edison Company

Pilgrim Nuclear Power Station

cc:

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Leader
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AMENDMENT NO. 107 TO FACILITY OPERATING LICENSE DPR-35 -
PILGRIM NUCLEAR POWER STATION

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

BOSTON EDISON COMPANY

DOCKET NO. 50-293

PILGRIM NUCLEAR POWER STATION

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 107
License No. DPR-35

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Boston Edison Company (the licensee) dated July 28, 1987 complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B of Facility Operating License No. DPR-35 is hereby amended to read as follows:

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(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 107, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective immediately.

FOR THE NUCLEAR REGULATORY COMMISSION



Acting Director
Project Directorate I-3
Division of Reactor Projects I/II

Attachment:
Changes to the Technical
Specifications

Date of Issuance: October 28, 1987

ATTACHMENT TO LICENSE AMENDMENT NO. 107

FACILITY OPERATING LICENSE NO. DPR-35

DOCKET NO. 50-293

Replace the following pages of the Appendix A Technical Specifications with the enclosed pages. The revised pages are identified by amendment number and contain vertical lines indicating the areas of change. The corresponding overleaf pages are provided to maintain document completeness.

Remove Pages

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Insert Pages

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PNPS
TABLE 4.2.A
MINIMUM TEST AND CALIBRATION FREQUENCY FOR PCIS

<u>Instrument Channel (5)</u>	<u>Instrument Functional Test</u>	<u>Calibration Frequency</u>	<u>Instrument Check</u>	
1)	Reactor High Pressure	(1)	Once/3 months	None
2)	Reactor Low-Low Water Level	(1) (7)	(7)	Once/day
3)	Reactor High Water Level	(1) (7)	(7)	Once/day
4)	Main Steam High Temp.	(1)	Once/3 months	None
5)	Main Steam High Flow	(1) (7)	(7)	Once/day
6)	Main Steam Low Pressure	(1) (7)	(7)	Once/day
7)	Reactor Water Cleanup High Flow	(1)	Once/3 months	Once/day
8)	Reactor Water Cleanup High Temp.	(1)	Once/3 months	None

Logic System Functional Test (4) (6)

	<u>Frequency</u>
1) Main Steam Line Isolation Vvs. Main Steam Line Drain Vvs. Reactor Water Sample Vvs.	Once/6 months
2) RHR - Isolation Vv. Control Shutdown Cooling Vvs. Head Spray Discharge to Radwaste	Once/6 months
3) Reactor Water Cleanup Isolation	Once/6 months
4) Drywell Isolation Vvs. TIP Withdrawal Atmospheric Control Vvs. Sump Drain Valves	Once/6 months
5) Standby Gas Treatment System Reactor Building Isolation	Once/6 months



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 107

TO FACILITY OPERATING LICENSE NO. DPR-35

BOSTON EDISON COMPANY

PILGRIM NUCLEAR POWER STATION

DOCKET NO. 50-293

1.0 INTRODUCTION

By letter dated July 28, 1987, Boston Edison Company (the licensee) requested a revision to their operating license. The revision would revise Technical Specification Table 4.2.A to correct an error inadvertently made by the licensee in their submittal associated with the Analog Trip System and issued as Amendment No. 99. For the reactor high pressure instrument channel, the change returns the Calibration Frequency to "once/3 months", returns the Instrument Check Frequency to "None", and removes the reference to note (7) in the Instrument Functional Test column.

2.0 EVALUATION

The licensee installed an Analog Trip System (ATS) at the Pilgrim Nuclear Power Station which required a change to the Technical Specification (TS) Table 4.2.A. This change subsequently became effective as Amendment No. 99 on April 2, 1987. Included in the Amendment was a change in surveillance frequency of the Reactor High Pressure instrument channel for the Primary Containment Isolation System (PCIS). This instrument channel was not part of the ATS modification and consequently the TS surveillance requirements for this channel should not have changed.

We have reviewed the licensee's request as discussed above. Based on the above discussion the staff agrees that the change is administrative in nature. It corrects a previous error introduced in Amendment No. 99. The staff, therefore, finds the change acceptable.

3.0 ENVIRONMENTAL CONSIDERATIONS

This amendment involves a change in the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously

published a proposed finding that the amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR §51.22(c)(9). Pursuant to 10 CFR §51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendment.

4.0 CONCLUSION

We have concluded, based on the considerations discussed above, that (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations, and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: G. Requa

Dated: October 28, 1987