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Docket No. 50-293

JUL 29 1976

Boston Edison Company  
M/C NUCLEAR  
ATTN: Mr. J. E. Lauson  
Nuclear Licensing  
Administrator - Operations  
800 Boylston Street  
Boston, Massachusetts 02199

Gentlemen:

In response to your request dated January 15, 1976, the Commission has issued the enclosed Amendment No. 18 to Facility Operating License No. DPR-35 for the Pilgrim Nuclear Power Station Unit No. 1.

This amendment changes Figures 6.2.1 and 6.2.2 of the Technical Specifications which describe the Boston Edison corporate organization and the Pilgrim Station organization, respectively. The change also adds a requirement to report changes in corporate and station organization to the NRC within 30 days.

Copies of the related Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

Original signed by  
Dennis L. Ziemann

Dennis L. Ziemann, Chief  
Operating Reactors Branch #2  
Division of Operating Reactors

Enclosures:

1. Amendment No. 18 to License No. DPR-35
2. Safety Evaluation
3. Notice of Issuance

OFFICE >	OR:ORB #2 <i>RMD</i>	OR:ORB #2 <i>PWO</i>	OELD <i>8. K</i>	OR:ORB #2	
SURNAME >	RMDiggs	PWO' Connor:ro	<i>BHS</i>	DLZiemann	<i>T</i>
DATE >	7/22/76	7/23/76	7/27/76	7/29/76	

Boston Edison Company

- 2 -

July 29, 1976

cc w/enclosures:

Mr. J. A. Smith  
Pilgrim Station Manager  
Boston Edison Company  
RFD #1, Rocky Hill Road  
Plymouth, Massachusetts 02360

Anthony Z. Roisman, Esquire  
Roisman, Kessler and Cashdan  
1712 N Street, N. W.  
Washington, D. C. 20036

Henry Herrmann, Esquire  
Massachusetts Wildlife Federation  
151 Tremont Street  
Boston, Massachusetts 02111

Plymouth Public Library  
North Street  
Plymouth, Massachusetts 02360

Mr. David F. Tarantino  
Chairman, Board of Selectmen  
11 Lincoln Street  
Plymouth, Massachusetts 02360

cc w/enclosures and cy of BECo filing  
dtd. 1/15/76:

Henry Kolbe, M. D.  
Acting Commissioner of Public Health  
Massachusetts Department of  
Public Health  
600 Washington Street  
Boston, Massachusetts 02202



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

BOSTON EDISON COMPANY

DOCKET NO. 50-293

PILGRIM NUCLEAR POWER STATION UNIT NO. 1

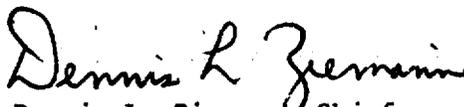
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 18  
License No. DPR-35

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by the Boston Edison Company (the licensee) dated January 15, 1976, 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.
3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Dennis L. Ziemann, Chief  
Operating Reactors Branch #2  
Division of Operating Reactors

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: July 29, 1976

ATTACHMENT TO LICENSE AMENDMENT NO. 18

FACILITY OPERATING LICENSE NO. DPR-35

DOCKET NO. 50-293

Delete existing pages 209, 210 and 222 of the Technical Specifications contained in Appendix A and insert the attached revised pages 209, 210 and 222.

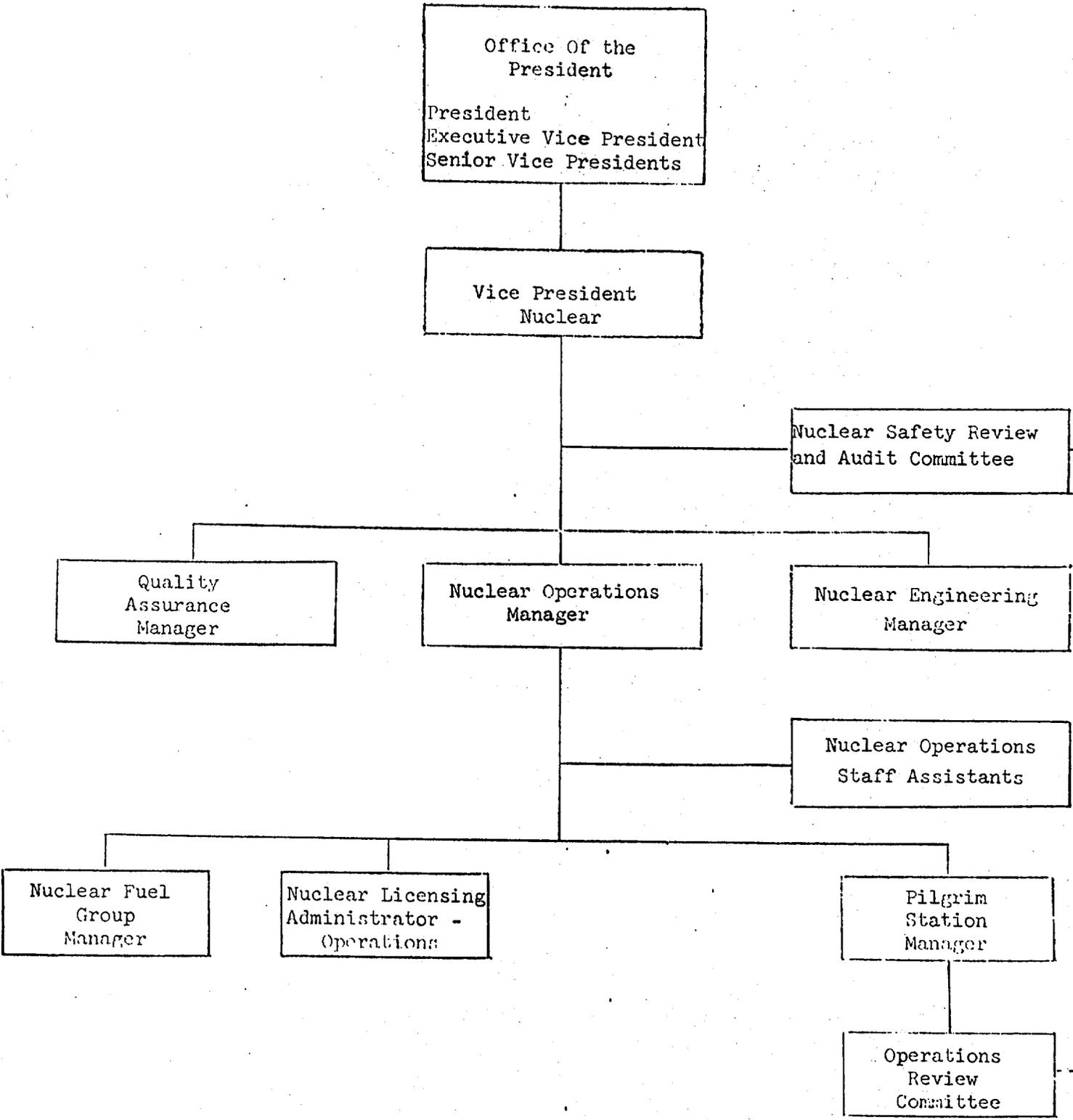
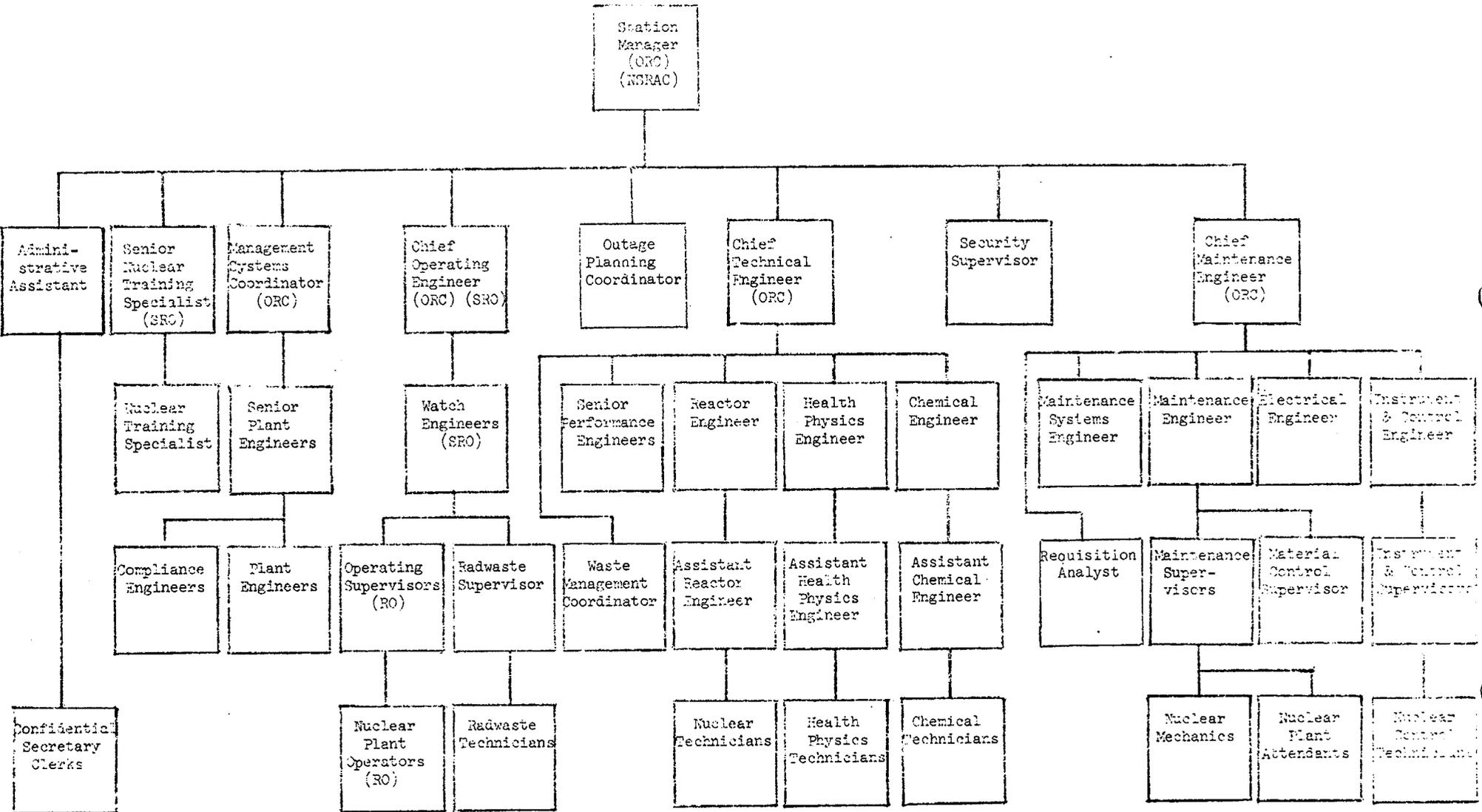


Figure 6.2.1  
 Boston Edison Company — Organization for Operation  
 of Pilgrim I



PILGRIM STATION ORGANIZATION  
Figure 6.2.2

Code: NSRAC = Member of NSRAC  
 ORC = Member of ORC  
 RO = NRC Reactor Operator License  
 SRO = NRC Senior Reactor Operator License

Note: This item is intended to provide for reporting of potentially generic problems.

2. Thirty Day Written Reports. The reportable occurrences discussed below shall be the subject of written reports to the Director of the appropriate Regional Office within thirty days of occurrence of the event. The written report shall include, as a minimum, a completed copy of a licensee event report form. Information provided on the licensee event report form shall be supplemented, as needed, by additional narrative material to provide complete explanation of the circumstances surrounding the event.

- a. Reactor protection system or engineered safety feature instrument settings which are found to be less conservative than those established by the technical specifications but which do not prevent the fulfillment of the functional requirements of affected systems.
- b. Conditions leading to operation in a degraded mode permitted by a limiting condition for operation or plant shutdown required by a limiting condition for operation.

Note: Routine surveillance testing, instrument calibration, or preventative maintenance which require system configurations as described in items 6.9.B.2.a and 6.9.B.2.b need not be reported except where test results themselves reveal a degraded mode as described above.

- c. Observed inadequacies in the implementation of administrative or procedural controls which threaten to cause reduction of degree of redundancy provided in reactor protection systems or engineered safety feature systems.
- d. Abnormal degradation of systems other than those specified in item 6.9.B.1.c above designed to contain radioactive material resulting from the fission process.

Note: Sealed sources or calibration sources are not included under this item. Leakage of valve packing or gaskets within the limits for identified leakage set forth in technical specifications need not be reported under this item.

- e. Any changes in corporate or station organization as described in Section 6.2.



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20558

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 18 TO FACILITY OPERATING LICENSE NO. DPR-35

BOSTON EDISON COMPANY

PILGRIM UNIT NO. 1

DOCKET NO. 50-293

INTRODUCTION

By letter dated January 15, 1976, Boston Edison Company submitted a modification to the Pilgrim Nuclear Power Station Unit No. 1 Technical Specifications. The proposed change would:

1. Reflect a change in the Boston Edison corporate structure,
2. Delete the position of Warehouse Keeper,
3. Add the position of Security Supervisor,
4. Change the functional reporting requirements of the Waste Management Coordinator, and
5. Add a requirement to report changes to the Boston Edison corporate organization or the Pilgrim Unit No. 1 Station organization to the NRC within 30 days.

EVALUATION

The NRC staff has reviewed the changes proposed by Boston Edison in their January 15, 1976 submittal. The results of our review of the above five items follow:

Item 1

This change eliminates the position of Operating Engineering Group Manager and places responsibility for all engineering for Pilgrim I under the Nuclear Engineering Manager. We have concluded that this change is consistent with our requirements for corporate support of licensed facilities and does not result in any loss of authority or decrease in responsibilities required for the safe operation of the plant. Therefore, we find this change acceptable.

Items 2, 3 and 4

These changes to the Pilgrim Station Organization delete the position of Warehouse Keeper, add the position of Security Supervisor, and change the functional reporting requirements of the Waste Management Coordinator.

The deletion of the position of Warehouse Keeper, who reports to the Material Control Supervisor, should not significantly affect the control of maintenance material at Pilgrim Station since the organizational structure for supervision of material control would remain intact.

The addition of a Security Supervisor, reporting to the Station Manager, should place additional emphasis on security at Pilgrim Station and is acceptable.

The change of functional reporting requirements for the Waste Management Coordinator so that he reports to the Chief Technical Engineer rather than the Chief Operating Engineer should not affect waste management at Pilgrim since the relative position in the organizational structure and the duties of the Waste Management Coordinator would not be affected by this change.

We have concluded that the proposed station organizational structure is consistent with our requirements for nuclear facility staffing and is acceptable.

Item 5

This change adds the requirement that Boston Edison notify NRC in writing within 30 days of any changes in corporate or station organization as described in Section 6.2 of the Pilgrim Nuclear Power Station Unit No. 1 Technical Specifications. This change would assure that the NRC staff has the opportunity to review organizational changes to determine if they conform with regulatory requirements. We conclude that this change is acceptable.

ENVIRONMENTAL CONSIDERATION

We have determined that this amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR §51.5(d)(4), that an environmental statement, negative declaration or environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

CONCLUSION

We have concluded, based on the considerations discussed above, that (1) because the changes do not involve a significant increase in the probability or consequences of accidents previously considered and do not involve a significant decrease in a safety margin, the changes do not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) 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.

Date: July 29, 1976

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-293

BOSTON EDISON COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 18 to Facility Operating License No. DPR-35, issued to the Boston Edison Company (the licensee), which revised Technical Specifications for operation of Unit No. 1 of the Pilgrim Nuclear Power Station (the facility) located near Plymouth, Massachusetts. The amendment is effective as of its date of issuance.

This amendment changes Figures 6.2.1 and 6.2.2 of the Technical Specifications which describe the Boston Edison corporate organization and the Pilgrim Station organization, respectively. The change also adds a requirement to report changes in corporate structure and station organization to the Commission within 30 days.

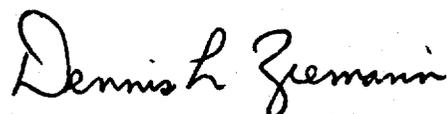
The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement, negative declaration or environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated January 15, 1976, (2) Amendment No. 18 to License No. DPR-35, and (3) the Commission's concurrently issued related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. and at the Plymouth Public Library on North Street in Plymouth, Massachusetts 02360. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Operating Reactors.

Dated at Bethesda, Maryland, this 29th day of July, 1976.

FOR THE NUCLEAR REGULATORY COMMISSION



Dennis L. Ziemann, Chief  
Operating Reactors Branch #2  
Division of Operating Reactors