



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

BOSTON EDISON COMPANY

DOCKET NO. 50-293

PILGRIM NUCLEAR POWER STATION

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 173  
License No. DPR-35

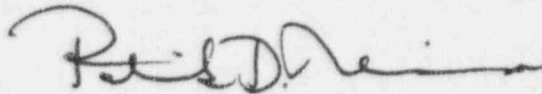
1. The Nuclear Regulatory Commission (the Commission or the NRC) has found that:
  - A. The application for amendment filed by the Boston Edison Company (the licensee) dated January 20, 1997, as supplemented January 30, February 27, April 11, May 14, and June 20 (2 letters), 1997, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations;
  - 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 hereby amended to authorize changes to the description of the facility in the Updated Final Analysis Report (UFSAR) as set forth in the application for amendment by Boston Edison Company dated January 20, 1997, as supplemented January 30, February 27, April 11, May 14, and June 20 (2 letters), 1997.

In addition, the license is amended to include the following conditions, which shall be added to BECo's "Index of Technical Specification Changes."

- a. Update the UFSAR to credit containment pressure in the design basis accident including the 75 °F seawater temperature design change as part of the next UFSAR update,

- b. Change the administrative limit from 68 °F to 75 °F for entering the loss of containment cooling limiting condition of operation and propose an ultimate heat sink Technical Specification by the first quarter of 1998, and
  - c. Within 180 days of issuance of the amendment complete the containment analysis using the ANS 5.1-1979 Decay Heat Curve with a 2-sigma uncertainty added.
3. This license amendment is effective as of its date of issuance and shall be implemented within 180 days from the date of issuance. Implementation of the amendment is the incorporation in the UFSAR of the changes to the description of the facility as described in the licensee's application dated January 20, 1997, as supplemented January 30, February 27, April 11, May 14, and June 20 (2 letters), 1997, and evaluated in the Staff's Evaluation attached to this amendment. Implementation also includes fulfillment of the specified conditions set forth in paragraph 2, except that the Licensee shall have up to the first quarter of 1998 to submit an ultimate heat sink Technical Specification.

FOR THE NUCLEAR REGULATORY COMMISSION



Patrick D. Milano, Acting Director  
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Office of Nuclear Reactor Regulation

Date of Issuance: July 3, 1997