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

METROPOLITAN EDISON COMPANY

JERSEY CENTRAL POWER AND LIGHT COMPANY

PENNSYLVANIA ELECTRIC COMPANY

DOCKET NO. 50-289

THREE MILE ISLAND NUCLEAR STATION, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 41
License No. DPR-50

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The application for amendment by Metropolitan Edison Company, Jersey Central Power and Light Company and Pennsylvania Electric Company (the licensees), dated July 22, 1977, 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 2.C.(2) of Facility Operating License No. DPR- 50 is hereby amended to read as follows:

   (2) Technical Specifications

   The Technical Specifications contained in Appendices A and B, as revised through Amendment No.41 , are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors

Attachment:
Changes to the Technical
Specifications

Date of Issuance: May 24, 1978

ATTACHMENT TO LICENSE AMENDMENT NO. 41

FACILITY OPERATING LICENSE NO. DPR-50

DOCKET NO. 50-289

Revise the Appendix A Technical Specifications as follows:

Remove Pages	Insert Pages
ii & iii	ii & iii
-	3-80 & 3-81
-	4-72

The changed areas on the revised pages are shown by marginal lines.

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3.17 REACTOR BUILDING AIR TEMPERATURE

Applicability

This specification applies to the average air temperature of the primary containment during power operations.

Objective

To assure that the temperatures assumed in the structural analysis of the Reactor Building are not exceeded.

Specification

3.17.1. Primary containment average air temperature above Elev. 320 shall not exceed 130°F and average air temperature below Elev. 320 shall not exceed 120°F.

3.17.2 If, while the reactor is critical, the above stated temperature limits are exceeded, the average temperature shall be reduced to the above limits within 8 hours, or be in at least HOT STANDBY within the next six (6) hours and in COLD SHUTDOWN within the following thirty (30) hours.

3.17.3 The primary containment average air temperature shall be calculated as follows:

a) The average temperature above elevation 320 will be calculated by taking the arithmetic average of the temperatures from at least 15 locations above elevation 320. A list of locations is given below.

b) The average temperatures below elevation 320 will be calculated by taking the arithmetic average of the temperatures from at least three locations below elevation 320. A list of locations is given below.

PT	Location	PT	Location
1	SE Dome Elev 454	13	NE Wall Elev 326
2	NW Dome Elev 454	14	S Wall Elev 326
3	N Wall Elev 454	15	NW Wall Elev 326
4	E Wall Elev 454	16	E Sec Shield Elev 326
5	S Wall Elev 454	17	S Rx Wall Elev 321
6	W Wall Elev 454	18	NE Wall Elev 294*
7	NE Wall Elev 394	19	S Wall Elev 294*
8	S Wall Elev 394	20	NW Wall Elev 294*
9	NW Wall Elev 394	21	E Sec Shield Elev 294*
10	NE Wall Elev 364	22	NW Sec Shield Elev 294*
11	S Wall Elev 364	23	NE Sec Shield Elev 364
12	NW Wall Elev 364	24	N Sec Shield Elev 364

* locations below elevation 320

Bases

The specified temperature limits assure that the containment design temperature and pressure will not be exceeded in the event of a design basis loss of coolant accident. The limits also assure the maintenance of acceptable ambient environmental conditions for safety-related components located inside the containment.

4.19 REACTOR BUILDING AIR TEMPERATURE

Applicability

This specification applies to the average air temperature of the primary containment during power operations.

Objective

To assure that the temperatures used in the safety analysis of the reactor building are not exceeded.

Specification

4.19.1 When the reactor is critical, the reactor building temperature will be checked once each twenty-four (24) hours. If any detector exceeds 130°F (120°F below elevation 320) the arithmetic average will be computed to assure compliance with Specification 3.17.1.