

METROPOLITAN EDISON COMPANY
JERSEY CENTRAL POWER & LIGHT COMPANY
PENNSYLVANIA ELECTRIC COMPANY

DOCKET NO. 50-320

THREE MILE ISLAND NUCLEAR STATION, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 8
License No. DPR-73

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The issuance of this license 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 set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the license, as amended, 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 amended Facility Operating License No. DPR-73 is hereby amended by changing the Technical Specifications as indicated in the attachment to this license amendment.


Paragraph 2.C.(2) of amended Facility Operating License No. DPR-73 is hereby amended to read as follows:

"2.C.(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 8 are hereby incorporated in the license. Metropolitan Edison Company 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



Steven A. Varga, Chief
Light Water Reactors Branch No. 4
Division of Project Management

Attachment:
Changes to the Technical
Specifications

Date of Issuance:

December 15, 1978

POWER DISTRIBUTION LIMITS

DNB PARAMETERS

LIMITING CONDITION FOR OPERATION

3.2.5 The following DNB related parameters shall be maintained within the limits shown on Table 3.2-2:

- a. Reactor Coolant Hot Leg Temperature.
- b. Reactor Coolant Pressure.
- c. Reactor Coolant Flow Rate.

APPLICABILITY: MODE 1.

ACTION:

- a. With any of the above parameters exceeding its limit, restore the parameter to within its limit within 2 hours or reduce THERMAL POWER to less than 5% of RATED THERMAL POWER within the next 4 hours.
- b. With THERMAL POWER limited by the reactor coolant flow rate per Table 3.2-2, reduce the Reactor Protection System Nuclear Overpower trip setpoint per Table 3.2-2 within 4 hours.

SURVEILLANCE REQUIREMENTS

4.2.5.1 Each of the parameters of Table 3.2-2 shall be verified to be within their limits at least once per 12 hours.

4.2.5.2 The Reactor Coolant System total flow rate shall be determined to be within its limit by measurement at least once per 18 months.

-8-146

TABLE 3.2-2

DNB MARGIN

Parameter	<u>LIMITS</u>		
	Four Reactor Coolant Pumps Operating	Three Reactor Coolant Pumps Operating	One Reactor Coolant Pump Operating in Each Loop
Reactor Coolant Hot Leg Temperature, T_H °F	≤ 609.3	$\leq 609.3^{(1)}$	≤ 609.3
Reactor Coolant Pressure, psig ⁽²⁾	≥ 2060.4	$\geq 2056.4^{(1)}$	≥ 2091.4
Reactor Coolant Flow Rate, gpm	a. $> 370,496$ with THERMAL POWER $\leq 2717 \text{ MW}_t$ ⁽³⁾	$\geq 280,400$	$\geq 182,800$
	b. $> 373,120$ with $2717 \text{ MW}_t < \text{THERMAL POWER} \leq 2744 \text{ MW}_t$ ⁽⁴⁾		
	c. $> 377,000$ with $2744 \text{ MW}_t < \text{THERMAL POWER} \leq 2772 \text{ MW}_t$		

⁽¹⁾ Applicable to the loop with 2 Reactor Coolant Pumps Operating.

⁽²⁾ Limit not applicable during either a THERMAL POWER ramp increase in excess of 5% of RATED THERMAL POWER per minute or a THERMAL POWER step increase of greater than 10% of RATED THERMAL POWER.

⁽³⁾ The Nuclear Overpower trip setpoint shall be reduced to $\leq 103.5\%$ of RATED THERMAL POWER.

⁽⁴⁾ The Nuclear Overpower trip setpoint shall be reduced to $\leq 104.5\%$ of RATED THERMAL POWER.