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Docket No. 50-289

Metropolitan Edison Company  
 ATTN: Mr. R. C. Arnold  
 Vice President - Generation  
 P. O. Box 542  
 Reading, Pennsylvania 19603

Gentlemen:

On January 15, 1976, the Commission issued Amendment No. 10 to Facility Operating License No. DPR-50 for the Three Mile Island Nuclear Station, Unit 1. Enclosed is a copy of revised Technical Specification page 3-35 which may have been missing from your copy of this amendment.

Sincerely,

*Original signed by*

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

Enclosure:  
 Page 3-35

cc:  
 See next page

OFFICE >	ORB4:OR	ORB4:OR	ORB4:OR			
SURNAME >	RIngram	DBridges:mt	RWReid			
DATE >	2/13/76	2/13/76	2/13/76			



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

February 13, 1976

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Sincerely,

A handwritten signature in cursive script that reads "Robert W. Reid".

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

Enclosure:  
Page 3-35

cc:  
See next page

Februa 13, 1976

cc w/enclosures:

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### 3.5.2.5

#### Control rod positions:

- a. Operating rod group overlap shall not exceed 25 percent,  $\pm 5$  percent, between two sequential groups except for physics tests.
- b. Except for physics tests or exercising control rods, the control rod insertion/withdrawal limits are specified on Figures 3.5-2A (for up to the control rod interchange), Figure 3.5-2B (from control rod interchange up to  $440 \pm 10$  full power days of operation), Figure 3.5-2C (for after  $440 \pm 10$  full power days of operation) for four pump operation, and Figure 3.5-2D for three or two pump operation. If the control rod position limits are exceeded, corrective measures shall be taken immediately to achieve an acceptable control rod position. Acceptable control rod positions shall be attained within four hours.
- c. Except for physics tests, power shall not be increased above the power level cutoff (See Figures 3.5-2A, 3.5-2B and 3.5-2C) unless the xenon reactivity is within 10 percent of the equilibrium value for operation at rated power and asymptotically approaching stability.
- d. Core imbalance shall be monitored on a minimum frequency of once every two hours during power operation above 40 percent of rated power. Corrective measures (reduction of imbalance by APSR movements and/or reduction in reactor power) shall be taken to maintain operation within the envelope defined by Figure 3.5-2E. If the imbalance is not within the envelope defined by Figure 3.5-2E, corrective measures shall be taken to achieve an acceptable imbalance. If an acceptable imbalance is not achieved within four hours, reactor power shall be reduced until imbalance limits are met.
- e. Safety rod limits are given in 3.1.3.5.

### 3.5.2.6

The control rod drive patch panels shall be locked at all times with limited access to be authorized by the superintendent.

### 3.5.2.7

A power map shall be taken to verify the expected power distribution at periodic intervals of approximately 10 full power days using the incore instrumentation detection system.

#### Bases

The power-imbalance envelope defined in Figure 3.5-2E is based on LOCA analyses which have defined the maximum linear heat rate (see Figure 3.5-2F) such that the maximum clad temperature will not exceed the Interim Acceptance Criteria. Operation outside of the power imbalance envelope alone does not constitute a situation that would cause the Final Acceptance Criteria to be exceeded should a LOCA occur. The power imbalance envelope represents the boundary of operation