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METROPOLITAN EDISON COMPANY

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

REGULATORY DOCKET FILE COPY

May 27, 1975

Mr. George Lear, Chief Operating Reactors Branch 3 Division of Reactor Licensing U. S. Nuclear Regulatory Commission Washington, D. C. 20555

TELEPHONE 215 - 929-3601 2412 2014 Section

DOCKETED

Dear Mr. Lear:

Three Mile Island Nuclear Station Unit I (TMI-1) Docket No. 50-289 Operating License No. DPR-50

In our letter (GQL 0954) of April 19, 1975, we stated that we would submit

- (1) A schedule for the completion of equipment modifications necessary to provide an alternate flow path so as to assure that boron precipitation would not compromise long-term core cooling capability following a loss-of-coolant accident (LOCA), and
- (2) Appropriate abstracts of associated procedures or procedure revisions.

With regard to Item Number (1), the schedule given below will be institut upon receipt of NRC approval.

Time

Action

- JUN 21 Approval of proposed actions 11.5. Final detailed equipment design and associated procedur 2 months review and modification 0 1 month Final design review by Corporate Technical Support Staff and Station Operating Staff
- 9-12 months Equipment procurement
- 1-2 months Equipment installation. As installation of some equipment could be outage-dependent, this action will depend heavily on early receipt of required materials so that preliminary work may be accomplished during scheduled outages.

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Mr. G. Lear

NRC

*Date contingent upon NRC review/approval of our proposed actions as outlined in our letter of April 19, 1975.

With regard to Item Number (2), the TMI-1 operating and emergency procedures were reviewed and changes are being made to Operating Procedure 1104-4 - Decay Heat Removal System, and Emergency Procedure 1202-6 - Loss of Reactor/Reactor Coolant Pressure. An abstract of these procedure revisions is given as Attachment 1. The procedure revisions have been approved by the TMI-1 Plant Operations Review Committee and have been signed by the Station Superintendent. A copy of the revisions is available at the TMI-1 site.

We trust that we have adequately addressed any of the concerns that you may have had regarding the subject areas; however, should there be any additional questions or concerns, please contact me.

Sincerely,

C R.

Vice President

RCA:RSB:eg

File 7.7.4.1.1/20.1.1

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Metropolitan Edison Company Three Mile Island Nuclear Station Unit I (TMI-1) R. C. Arnold to G. Lear May 27, 1975

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ABSTRACT OF REVISION TO OPERATING PROCEDURE 1104-4

A new section--4.3.5, Long-Term Core Circulation Modes to Prevent Boron Concentration Effects--has been added. The procedure describes the necessary actions to implement each of the following modes of circulation.

- Mode 1 Forced Circulation Using Decay Heat Drop Line
- Mode 2 Gravity Draining Reactor Coolant Hot Leg to the Reactor Building Sump Via the Decay Heat Drop Line
- Mode 3 Hot Leg Injection Using Pressurizer Auxiliary Spray Line (Not yet available, pending system design change)
- Mode 4 Reverse Flow Through the Decay Heat Drop Line into "B" Reactor Coolant Loop Hot Leg

ABSTRACT OF REVISION TO EMERGENCY PROCEDURE 1202-6

A new requirement has been added requiring that a long-term cooling circulation mode be established per OP 1104-4.

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