

FROM: Metropolitan Edison Company Reading, Pa. 19603 R. C. Arnold			DATE OF DOC 6-3-74	DATE REC'D 6-7-74	LTR X	MEMO	RPT	OTHER
TO: A. Giambusso			ORIG 1 signed	CC	OTHER	SENT AEC PDR X SENT LCCAL PDR X		
CLASS	UNCLASS XXX	PROP INFO	INPUT XX	NO CYS REC'D 1	DOCKET NO: 50-289			

DESCRIPTION:

Ltr trans the following:

ENCLOSURES:

Amdt to Opr Lic consisting of Propose Chge #2 to Tech Specs regarding the Turbine Cycle

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: Three Mile Island

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FOR ACTION/INFORMATION

6-7-74 GC

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METROPOLITAN EDISON COMPANY

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TELEPHONE 215 - 929-3601

June 3, 1974
GQL 0028

Mr. A. Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
Office of Regulation
U. S. Atomic Energy Commission
Washington, D.C. 20545

Dear Mr. Giambusso:

Operating License DPR-50
Docket #50-289

Proposed Change #2 to
Technical Specifications
For TMI Unit 1

Technical Specification 3.4.7 permits one of the half-sized motor-driven emergency feedwater pumps required by 3.4.3 to be removed from service for maintenance indefinitely, provided that the reactor has never been operated at greater than 5% of rated thermal power. We propose that Technical Specification 3.4.7 be rewritten to permit any one of the three emergency feedwater pumps required by 3.4.3 to be removed from service for maintenance subject to the same restriction.

To effect this proposed change, we request that you approve and issue to us, the attached page 3-25 of the Technical Specifications as a replacement for the existing page 3-25 issued 5/10/74.

Prior to the reactor being operated above 5% full rated power, the decay heat removal requirement is reduced by a factor of at least 20 below the decay heat removal requirements which will exist after operation at full rated power. Consequently, any one of the three emergency feedwater pumps has the capability to provide all the feedwater necessary for removal of all decay heat which would be present for all operations up to, and including, operation at 5% of rated power. The emergency feedwater system, shown in Figure 10-2 of the Final Safety Analysis Report, shows that all three EFW pumps feed a common header and, therefore, any

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one of the three can feed both steam generators. Consequently, operability of any two of the three EFW pumps provides complete redundancy for emergency feedwater requirements for decay heat removal for operations up to 5% of full rated power. Redundancy of electrical power supply is also assured since all three EFW pumps can be lined up to either of the emergency busses.

Since adequate cooling for decay heat removal can be provided by any one of the pumps for reactor operation up to 5% of rated power, this Technical Specification change insures redundant capability for adequate cooling for all operations up to 5% of rated power and, therefore, this change to the Technical Specifications does not involve a significant hazards consideration and will not cause undue risk to the health and safety of the public.

Sincerely,

R. C. Arnold
Vice President-Generation

RCA:eg

Attachment

cc: Directorate of Regulatory Operations, Region 1
U. S. Atomic Energy Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

File 20.1.1/7.7.4.3.2.1