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(TEMPORARY FORM)

CONTROL NO: 12522

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FROM: Metropolitan Edison Co. Reading, Pa R.C. Arnold		DATE OF DOC 12-9-74	DATE REC'D 12-12-74	LTR XXXXXX	TWX	RPT	OTHER
TO: Directorate of Licensing		ORIG 1-signed	CC	OTHER	SENT AEC PDR SENT LOCAL PDR		XXXXXX XXXXXX
CLASS	UNCLASS XXXXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-289		
DESCRIPTION:  Ltr reporting Abnormal Occurrence #74-27 on 11-29-74 concerning Failure to test the Resilient Seal on the Outer Door of the Reactor Building Personnel Hatch.....				ENCLOSURES:  <b>ACKNOWLEDGED</b>  <b>DO NOT REMOVE</b>			
PLANT NAME: Three Mile Island #1							

FOR ACTION/INFORMATION

12-16-74 JGB

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BOYD	<input checked="" type="checkbox"/> STELLO	<u>ENVIRO</u>	MAIGRET (L)	CHAPMAN
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DEYOUNG (L) (PWR)	<input checked="" type="checkbox"/> NOVAK	DICKER	SERVICE (L)	E. COUPE
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DENISE	<input checked="" type="checkbox"/> LONG	PROJECT LDR	YEETS (L)	<input checked="" type="checkbox"/> EISENHUT
<input checked="" type="checkbox"/> REG OPR	<input checked="" type="checkbox"/> AINAS	<u>HARLESS</u>	WILLIAMS (E)	
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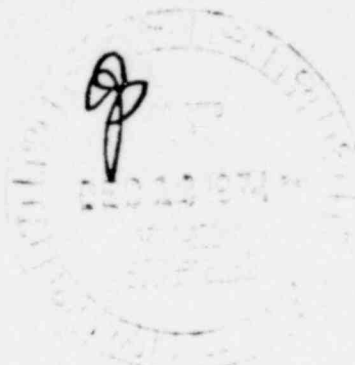
METROPOLITAN EDISON COMPANY

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 929-3601

DEC 9 1974

Regularity File Cys



Director  
Directorate of Licensing  
U.S. Atomic Energy Commission  
Washington, D.C. 20545

Dear Sir:

Docket No. 50-289  
Operating License DPR-50

In accordance with the Technical Specifications for our Three Mile Island Nuclear Station, Unit 1, we are reporting the following abnormal occurrence:

- (1) Report Number: AO 50-289/74-27
- (2a) Report Date: December 9, 1974
- (2b) Occurrence Date: November 29, 1974
- (3) Facility: Three Mile Island Nuclear Station, Unit 1 (TMI-1)
- (4) Identification of Occurrence:

Title: Failure to Test the Resilient Seal on the Outer Door of the Reactor Building Personnel Hatch

Type: An abnormal occurrence as defined by the Technical Specifications, paragraph 1.8g, in that the failure to test the resilient seal on the outer door of the Reactor Building Personnel Hatch represented an inadequacy in the administrative controls which threatened to cause an unsafe condition in the operation of the plant.

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- (5) Conditions Prior to Occurrence:

Because of non-nuclear related maintenance, the plant was undergoing load changes during routine power operations with major parameters as follows:

Power: Core: 50%  
Elec.: 400 MW (Gross)

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RC Flow:  $135 \times 10^6$  lb/hr

RC Pressure: 2155 psig

RC Temp.: 579°F

PRZR Level: 220 in

PRZR Temp.: 640°F

(6) Description of Occurrence:

Specification 4.4.1.2.5.b of the TMI-1 Technical Specifications requires that when not in a cold shutdown condition that the resilient seal on the outer door of the Reactor Building Personnel Hatch be tested after each use, but no more than once daily. Contrary to this requirement, the Reactor Building Personnel Hatch was opened several times during the period November 23-29, 1974, but the resilient seal on the outer air lock door was not tested.

(7) Designation of Apparent Cause of Occurrence:

Inadequate procedural guidance was the apparent cause of the occurrence in that there were no procedures in existence at the time of the occurrence to direct Operations Department personnel on when to test the resilient door seal.

(8) Analysis of the Occurrence:

It is believed that failure to leak test the seal did not threaten either the health or safety of the public in that subsequent to the occurrence the seal was tested and found to be within specification limits.

(9) Corrective Action:

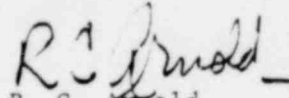
Immediate corrective action was taken as described above to verify the leak-tightness of the seal.

At a meeting held soon after the occurrence was reported, the Plant Operations Review Committee reviewed and gave its approval of this action and recommended to the Station Superintendent that as a long-term action the "Shift and Daily Checks" procedure be revised to include a check-off of whether the Personnel Access Hatch had been used and the door seal tested that day. The Station Superintendent concurred with this recommendation and the procedure has been revised.

(10) Failure Data:

Not Applicable.

Sincerely,

  
R. C. Arnold  
Vice President

RCA/JFV/cas

File: 20.1.1/7.7.3.5.1

cc: Mr. J. P. O'Reilly (DORO-Region 1)