

**NRC DIST. JUTION FOR PART 50 DOCKET M. SERIAL**  
(TEMPORARY FORM)

CONTROL NO: 10314

FILE: INCIDENT REPORT FILE

FROM: Metropolitan Edison Co. Reading, PA. R.C. Arnold		DATE OF DOC 9-26-75	DATE REC'D 9-29-75	LTR XXX	TWX	RPT	OTHER
TO:		ORIG	CC	OTHER	SENT AEC PDR <u>XXX</u>		
NRC		1 Signed	0		SENT LOCAL PDR <u>XXX</u>		
CLASS	UNCLASS	PROP INFO	INPUT	NO CYS REC'D	DOCKET NO:		
XXX				1	50-289		

**DESCRIPTION:**  
Abnormal Occurrence # 75-32, on 9-18-75, Concerning  
Two Manual Isolation Valves in the Air Supply  
Lines for the Reactor Bldg. Personnel Access Hatch  
Door Found in the Closed Position During Non-Testing  
Conditions.....

**ENCLOSURES:**

(1 Copy Enclosure Received)

PLANT NAME: Three Mile Island # 1

**FOR ACTION/INFORMATION**

SAB 10-1-75

BUTLER (L)	SCHWENCER (L)	ZIEMANN (L)	REGAN (E)
W/ Copies	W/ Copies	W/ Copies	W/ Copies
CLARK (L)	STOLZ (L)	DICKER (E)	LEAR (L)
W/ Copies	W/ Copies	W/ Copies	W/ Copies
PARR (L)	VASSALLO (L)	KNIGHTON (E)	SPELS
W/ Copies	W/ Copies	W/ Copies	W/ Copies
KNIEL (L)	PURPLE (L)	YOUNGBLOOD (E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies

**ACKNOWLEDGED**

**DO NOT REMOVE**

**INTERNAL DISTRIBUTION**

<u>REG FILE</u>	<u>TECH REVIEW</u>	<u>DENTON</u>	<u>LIC ASST</u>	<u>A/T IND</u>
<input checked="" type="checkbox"/> NRC PDR	<input checked="" type="checkbox"/> SCHROEDER	<input checked="" type="checkbox"/> GRIMES	R. DIGGS (L)	BRAITMAN
<input checked="" type="checkbox"/> OGC, ROOM P-506A	<input checked="" type="checkbox"/> MACCARY	<input checked="" type="checkbox"/> GAMMILL	H. GEARIN (L)	SALTZMAN
<input checked="" type="checkbox"/> GOSSICK/STAFF	KNIGHT	KASTNER	E. GOULBOURNE (L)	MELTZ
<input checked="" type="checkbox"/> CASE	PAWLICKI	BALLARD	P. KREUTZER (E)	
<input checked="" type="checkbox"/> GIAMBUSSO	SHAO	SPANGLER	J. LEE (L)	<u>PLANS</u>
BOYD	** STELLO		M. RUSHBROOK (L)	MCDONALD
MOORE (L)	** HOUSTON	<u>ENVIRO</u>	S. REED (E)	CHAPMAN
DEYOUNG (L)	** NOVAK	MULLER	M. SERVICE (L)	DUBE (Ltr)
SKOVHOLT (L)	ROSS	DICKER	S. SHEPPARD (L)	E. COUPE
GOLLER (L) (Ltr)	IPPOLITO	KNIGHTON	M. SLATER (E)	PETERSON
P. COLLINS	TEDESCO	YOUNGBLOOD	H. SMITH (L)	HARTFIELD (2)
DENISE	J. COLLINS	REGAN	S. TEETS (L)	<input checked="" type="checkbox"/> KLECKER
REG OPR	LAINAS	PROJECT LDR	G. WILLIAMS (E)	EISENHUT
<input checked="" type="checkbox"/> FILE & REGION (2)	BENAROYA		V. WILSON (L)	* WIGGINTON
<input checked="" type="checkbox"/> MIPC/PE (3)	VOLLMER	<u>HARLESS</u>	R. INGRAM (L)	<input checked="" type="checkbox"/> F. WILLIAMS
STEELE			M. DUNCAN (E)	<input checked="" type="checkbox"/> HANAUER

**EXTERNAL DISTRIBUTION**

<input checked="" type="checkbox"/> 1 - LOCAL PDR <u>Harrisburg, PA.</u>	<input checked="" type="checkbox"/> 1 - TIC (ABERNATHY) (1)(2)(10)	<input checked="" type="checkbox"/> 1 - NATIONAL LABS	<input checked="" type="checkbox"/> 1 - PDR SAN/LA/NY
<input checked="" type="checkbox"/> 1 - NSIC (BUCHANAN)	<input checked="" type="checkbox"/> 1 - ASLB	<input checked="" type="checkbox"/> 1 - W. PENNINGTON, Rm E-201 GT	<input checked="" type="checkbox"/> 1 - BROOKHAVEN NAT LAB
<input checked="" type="checkbox"/> 1 - Newton Anderson	<input checked="" type="checkbox"/> 1 - ACRS SENT TO LIC ASST S. Teets	<input checked="" type="checkbox"/> 1 - CONSULTANTS	<input checked="" type="checkbox"/> 1 - G. ULRIKSON, ORNL
<input checked="" type="checkbox"/> ** SEND ONLY TEN DAY REPORTS		<input checked="" type="checkbox"/> NEWMARK/BLUME/AGBABIAN	<input checked="" type="checkbox"/> 1 - AGMED (RUTH GUSSMAN)
			<input checked="" type="checkbox"/> Rm B-127 GT
			<input checked="" type="checkbox"/> 1 - J. D. RUNKLES, Rm E-201
			<input checked="" type="checkbox"/> GT

2910240 951

1476 291



METROPOLITAN EDISON COMPANY

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 929-3601

September 26, 1975  
GQL 1542

Director  
Division of Reactor Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Regulatory

File Cy.

Dear Sir:

Docket No. 50-289  
Operating License No. DPR-50

In accordance with the Technical Specifications of our Three Mile Island Nuclear Station Unit 1 (TMI-1), we are reporting the following abnormal occurrence.

- (1) Report Number: AO 50-289/75-32
- (2a) Report Date: September 26, 1975
- (2b) Occurrence Date: September 18, 1975
- (3) Three Mile Island Nuclear Station Unit 1
- (4) Identification of Occurrence:



Title: Two Manual Isolation Valves in the Air Supply Lines for the Reactor Building Personnel Access Hatch Door Found in the Closed Position During Non-Testing Conditions.

Type: An abnormal occurrence as defined by the Technical Specifications, paragraph 1.8g, in that these two isolation valves being in the incorrect position constituted an inadequacy in the implementation of procedural controls that threatened to cause an unsafe condition in the operation of the plant.

- (5) Conditions Prior to Occurrence

Power: Core: 100%  
Elect.: 840 MWe (Gross)

RC Flow:  $138 \times 10^6$  lb/hr

RC Press.: 2155 psig.

RC Temp.: 579°F

PRZR Level: 220 inches

PRZR Temp.: 655°F

1476 292

10314

(6) Description of Occurrence:

On September 18, 1975, at 0350 hours, while performing a Reactor Building Personnel Access Hatch Door Seal Leak Test (SP 1303-11.18 Section A), the operator checked the valve lineup for the air supply to the door seals. He found that two normally open valves (PP-V-47 and 179) were in the closed position.

These valves were opened immediately and the correct positions of other similar valves in the Emergency Access Hatch were verified. A leak test was performed and the results were satisfactory.

(7) Designation of Apparent Cause of Occurrence:

The apparent cause of this occurrence was personnel in that the surveillance procedure (SP 1303-11.18) required that the subject valves be re-opened after any testing which would require their closure and the procedure was apparently not followed.

(8) Analysis of Occurrence:

It is considered probable that PP-V-47 was closed since September 10, 1975, when the recorded data began to consistently indicate no hatch leakage.

The closure of PP-V-47 would have prevented automatic pressurization of the door seals if an Emergency Safeguards actuation would have occurred. If PP-V-179 had been closed during a period when PP-V-47 was still open, any door seal tests would have verified leak tightness of the inner hatch door only. There is no way of verifying the position of PP-V-179 during this time period therefore, it must be assumed that all leak tests on the Reactor Building Personnel Access Hatch Door Seals, during the time when PP-V-47 was closed, were invalid because the test air supply could not reach either the inner or outer door seals.

It has been determined that there was no threat to the health and safety of the public in that:

- a. the leak rate test performed following discovery of this improper valve lineup was satisfactory and was performed with no adjustments or repairs prior to or following testing, indicating good seal condition and,
- b. although, the door seal interspace could not be pressurized, due to this improper valve lineup, leakage past the door seals in the event a LOCA had occurred would have been negligible, since both door seals were in good condition as indicated by testing.

(9) Corrective Action:

1476 293

In addition to the immediate corrective actions listed above long term corrective actions will be or have been taken as indicated below:

- a. Initiated Temporary Procedure Change to require verifying the position of the valves in air lines to the door seals prior to each leak test.

- b. Initiated work request to install locking devices on the valves inside the personnel and emergency access hatch.
- c. Will place applicable valves on the plant locked valves list when the locking devices are installed, and will then cancel the temporary requirement to verify valve positions prior to each leak test.

The Plant Operations Review Committee and Station Superintendent have reviewed and approved the above corrective actions and have taken steps to assure completion of the yet to be completed long term corrective actions.

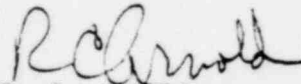
(10) Failure Data:

None

Similar Occurrences:

None

Sincerely,



R. C. Arnold  
Vice President


RCA:CWS:ilm

File: 20.1.1/7.7.3.5.1

cc: J. P. O'Reilly

Office of Inspection and Enforcement, Region I

1476 294

  
METROPOLITAN EDISON COMPANY

Subsidiary of General Public Utilities Corporation

POST OFFICE BOX 480 MIDDLETOWN, PENNSYLVANIA 17057

TELEPHONE 717-344-4041

September 19, 1975

Mr. J. P. O'Reilly  
Directorate of Regulatory Operations  
Region 1  
631 Park Avenue  
King of Prussia, Pa., 19406

POOR ORIGINAL

Operating License DPR-50  
Docket 50-239

Subject: Abnormal Occurrence No. 75-32

Dear Mr. O'Reilly:

This telegram is to confirm the telecon between A. N. Fasano (Region 1-HRC) and J. J. Colitz (TMI Unit 1 Superintendent) at 1630 hours, September 18, 1975.

The following report is submitted in accordance with paragraph 1.8d (page 1-5) of the Technical Specifications.

On September 18, 1975 at 0350 while performing a Reactor Building Personnel Access Hatch Door Seal Leak Test (SP 1303-11.13 Section A) the operator checked the valve lineup for the air supply to the door seals. He found that two (2) normally open valves were in the closed position. He promptly opened these valves and satisfactorily completed the seal test.

This abnormal valve lineup would have prevented automatic pressurization of door seals in the event that an E.S. condition had occurred.

Previous leak tests on the Reactor Building Personnel Access Hatch Door Seals may have been invalid for the time period during which these subject valves were closed. Review of previous test results indicated that these valves may have been closed since September 10, 1975.

The emergency air lock door seals were tested satisfactorily and the associated valves were verified to be in the proper position.

1476 295