Met-Ed GPU

1980 NOV 21 AM 9 33

Metropolitan Edison Company
Post Office Box 480
Middletown, Pennsylvania 17057

Writer's Direct Dial Number

November 17, 1980
TLL 606

Office of Inspection and Enforcement
Attn: Mr. Boyce H. Grier, Director
Region I
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
Licensee Event Report 80-047/03L-0

Attached please find Licensee Event Report 80-047/03L-0, concerning the excessive seal leakage of the inner door of Personnel Airlock No. 2 on October 16, 1980.

This event concerns Section 3.6.1.3(a) and is considered reportable under Section 6.9.1.8(b) of the Interim Recovery Technical Specifications.

Sincerely,

G. K. Hovey
Vice-President and
Director, TMI-2

GKH:SDC:dad

Attachments (2)

cc: John T. Collins
Bernard J. Snyder

8011240291

A002
S 1/1

NRC FORM 366 (7-77)

U.S. NUCLEAR REGULATORY COMMISSION

TLL 606
Attachment 1

LICENSEE EVENT REPORT

CONTROL BLOCK: [ ] (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01	LICENSEE CODE: P A T M I 2 (2)	LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 (3)	LICENSE TYPE: 4 1 1 1 1 (4)	CAT: (5)		
01 CON'T	REPORT SOURCE: L (6)	DOCKET NUMBER: 0 5 0 0 0 3 2 0 (7)	EVENT DATE: 1 0 1 6 8 0 (8)	REPORT DATE: 1 1 1 7 8 0 (9)		

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On October 16, 1980, subsequent to the 3rd Reactor Building entry, the doors of the
03 Personnel Airlock (PAL) No. 2 were leak tested. The inner door failed and was declared
04 inoperable at 2205 hours per the Action Statement of T.S. 3.6.1.3. After corrective
05 action as described below, the inner door was returned to an operable status at 1615
06 hours on October 17, 1980. This event was not a violation of T.S. 3.6.1.3 but is report-
07 ed under Section 6.9.1.9(b). This event had no effect on the plant, its operation, or
08 the health and safety of the public.

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP SUBCODE	VALVE SUBCODE
09	S A (11)	E (12)	B (13)	P E N E T R (14)	A (15)	Z (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 0	—	0 4 7	/	0 3	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
X (18)	Z (19)	Z (20)	Z (21)	0 0 0 0	Y (23)	N (24)	A (25)	S 1 7 5 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Apparently, some foreign material on the sealing surface prevented an adequate seal.
11 The inner door was opened ~~on October 17, 1980~~, the sealing surfaces cleaned, and leak
12 rate tested satisfactorily.
13
14

	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
15	X (28)	0 0 0 (29)	Recovery Mode	B (31)	Operator Observation

	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
16	Z (33)	Z (34)	N/A	N/A

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION (39)
17	0 0 0 (37)	Z (38)	N/A

PERSONNEL INJURIES

	NUMBER	DESCRIPTION (41)
18	0 0 0 (40)	N/A

LOSS OF OR DAMAGE TO FACILITY (43)

	TYPE	DESCRIPTION
19	Z (42)	N/A

PUBLICITY

	ISSUED	DESCRIPTION (45)	NRC USE ONLY
20	N (44)	N/A	

8011240296

NAME OF PREPARER Steven D. Chaplin PHONE (717) 948-8461

LICENSEE EVENT REPORT
NARRATIVE REPORT

TMI-2

LER 80-047/03L-0
EVENT DATE - October 10, 1980

I. EXPLANATION OF OCCURRENCE

On Thursday, October 16, 1980, the third Reactor Building entry was made using Personnel Airlock (PAL) No. 2 for entry and exiting the containment. After the Airlock was decontaminated, the airlock inner door was leak tested, per surveillance procedure 4311-5. The leakrate exceeded the Technical Specification limit; therefore, at 2205 hours, the action statement of Technical Specification 3.6.1.3 was entered. The outer PAL door was then tested and determined acceptable.

On Friday, October 17, 1980, the airlock inner door was opened and the sealing surfaces cleaned. The door was then closed and the leakrate remeasured with satisfactory results. The door was returned to operable status at 1615 hours.

This event is not a violation of any Technical Specification, but this report is issued because Action Statement 3.6.1.3 was entered inadvertantly.

This event is of a similar nature to LERs 80-10/01L-0, 80-30/01L-0, 80-37/01L-0, and 80-44/01L-0, pertaining to excessive seal leakage for both PAL's of the TMI-2 facility.

II. CAUSE OF THE OCCURRENCE

The cause of this event was apparently some foreign material on the sealing surfaces, which prevented an adequate seal.

III. CIRCUMSTANCES SURROUNDING THE OCCURRENCE

At the time of the occurrence, the Unit 2 facility was in a long-term, cold shutdown state. The reactor decay heat was being removed via natural circulation to the "A"Steam Generator, which is operating in a 'steaming' mode. Throughout the event, there was no Loss of Natural Circulation heat removal in the RCS System.

IV. CORRECTIVE ACTIONS TAKEN OR TO BE TAKEN

IMMEDIATE

The sealing surfaces were cleaned and the leakrate test was then performed with satisfactory results.

LONG TERM

No long term action is planned nor considered applicable.

V. COMPONENT FAILURE DATA

N/A