NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

Attachment 1
4400-82-L-0134

LICENSEE EVENT REPORT

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

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On July 9, 1982, subsequent to modifications work inside Personnel Airlock (PAL) No. 1;
03 the outer door of the Personnel Airlock (PAL) No. 1 was leak tested. The outer door
04 failed and was declared inoperable at 0540 hours per the Action Statement of Tech
05 Spec 3.6.1.3. After corrective action the outer door was returned to an operable
06 status at 1245 hours on July 9, 1982. This event is considered reportable under Tech
07 Spec 6.9.1.9(b) due to entry into the action statement of Tech Spec 3.6.1.3. This
08 event had no effect on the plant, its operation, or the health and safety of the public.

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

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 2	—	0 2 5	/	0 3	L	—	0

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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Apparently, some foreign material on the sealing surface prevented an adequate seal.
11 The sealing surfaces were cleaned and the O-Rings replaced. The leakage rate was
12 then retested and found satisfactory.
13
14

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

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

PERSONNEL EXPOSURES

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

PERSONNEL INJURIES

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

LOSS OF OR DAMAGE TO FACILITY (43)

19	TYPE (42)	DESCRIPTION
	Z	N/A

8208180040 820809
PDR ADOCK 05000320
S PDR

PUBLICITY

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

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

GPO 917-926

LICENSEE EVENT REPORT
NARRATIVE REPORT
TMI-2
LER 82-025/03L-0
EVENT DATE - July 9, 1982

I. EXPLANATION OF OCCURRENCE

On Friday, July 9, 1982, after the completion of modification work inside Personnel Airlock (PAL) No. 1, the airlock outer door was leak tested per surveillance procedure 4311-5. The leakage rate exceeded the Technical Specification limit; therefore, at 0540 hours, the action statement of Technical Specification 3.6.1.3 was entered.

After cleaning the sealing surfaces and replacing the O-rings, the leakage rate was remeasured with satisfactory results. The door was returned to an operable status at 1245 hours on July 9, 1982.

This event is similar in nature to LERs 80-10/01L-0, 80-30/01L-0, 80-37/01L-0, 80-44/01L-0, 80-047/03L-0 and 80-52/01L-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 damage, possibly due to foreign material on the sealing surface 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 loss to ambient. Throughout the event there was no effect on the Reactor Coolant System or the core.

IV. CORRECTIVE ACTIONS TAKEN OR TO BE TAKEN

IMMEDIATE

The sealing surfaces were cleaned and the O-rings were replaced. The leakage rate test was then performed with satisfactory results.

LONG TERM

No long term action is planned nor considered applicable.

V. COMPONENT FAILURE DATA

N/A