

LICENSEE EVENT REPORT

LER 81-22/3L

CONTROL BLOCK: [][][][][] (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	V	T	V	Y	S	1	2	0	0	-	0	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4		5		
7	8	LICENSEE CODE						14	15	LICENSE NUMBER											25	26	LICENSE TYPE					30	57	CAT 58	

CON'T

0 1
7 8

REPORT SOURCE L 6 0 5 0 0 0 2 7 1 7 0 8 0 1 8 1 8 9
60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | While performing MSIV surveillance, MSIV-80D failed to close when it's control
0 3 | switch was placed in the Closed position. This failure to close is contrary to
0 4 | T.S. Sec. 3.7.D.1. The valve did close upon actuation of the slow close switch.
0 5 | The redundant valve in this line (MSIV-86D) was successfully tested. There were
0 6 | no consequences to the public health and safety as a result of this event.
0 7 | Similar occurrences have been reported to the commission within the past 5 years
0 8 | as LER 78-4 and 77-35.

0	9	SYSTEM CODE		C	D	11	CAUSE CODE	E	12	CAUSE SUBCODE	B	13	COMPONENT CODE				V	A	L	V	O	P	14	COMP SUBCODE	D	15	VALVE SUBCODE	Z	16											
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.		ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER												
17		21		24		28		30		32		33		34		35		36		37		41		42		43		44												
8		1		0		2		3		0		L		0		Z		Z		0		Y		Y		N		R												

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Each MSIV is actuated by two pilot valves. Inoperability of MSIV-80D was

1 1 attributed to a foreign particle lodged in the spool valve which prevented

1 2 air from operating the main piston. The MSIV was fully stroked satisfactorily

1 3 six times. During the next outage, the pilot valve will be inspected to

1 4 determine if any further corrective action is necessary.

8 9
FACILITY STATUS (28) % POWER (29) OTHER STATUS (30) METHOD OF DISCOVERY (31) DISCOVERY DESCRIPTION (32)

1 5 F 0 4 5 NA B Surveillance Test

7 8 10 12 13 44 45 46 80

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35)

1 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35

LOCATION OF RELEASE (36)

45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37)	Z	(38)	NA	

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	2	0	0	0	40 NA

LOSS OF OR DAMAGE TO FACILITY (43)
TYPE DESCRIPTION
1 9 Z (42) NA

8 9 10
 PUBLICITY
 ISSUED DESCRIPTION (45)
 2 0 N (44) NA
 7 8 9 10 58 59 60
 8109080192 810828
 PDR ADOCK 05000271
 S PDR
 NRC USE ONLY

NAME OF PREPARER Warren P. Murphy

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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

While performing Main Steam Isolation Valve (MSIV) surveillance, MSIV-80D failed to indicate closed after it's control switch was placed in the Closed position. Technical Specifications Section 3.7.D.1 requires the MSIV's to be operable during reactor power operation conditions. The valve did close upon actuation of the "slow close" switch. The redundant isolation valve in this line (MSIV-86D) was positioned in the isolated mode as required by Technical Specifications Section 3.7.D.2. As a result of this event, there were no consequences to the public health and safety. Similar occurrences have been reported to the commission within the past five years as LER 78-4 and 77-35.

CAUSE DESCRIPTION AND CORRECTIVE ACTION

Each Main Steam Isolation Valve is actuated by two three-way solenoid operated pilot valves. Inoperability of MSIV-80D was attributed to a foreign particle lodged in the sliding spool area of the pilot valve which prevented air from being redirected to the opposite side of the main valve piston operator thus preventing the valve from closing. After the valve had been closed by actuating the "slow close" switch, it was normally full stroked satisfactorily six times. Both Main Steam Isolation Valves, MSIV-80D and 86 D, will be full stroke exercised, in approximately one month from the event date, to verify continued operability. Also, during the next scheduled outage of sufficient duration, the pilot valve will be removed and inspected to determine if any further corrective action is necessary.