

LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	V	A	S	P	S	2	2	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	REPORT SOURCE										DOCKET NUMBER										EVENT DATE										REPORT DATE									
7	8	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																			
		L	6	0	5	0	0	0	2	8	1	7	1	0	0	7	7	9	8	1	0	1	9	7	9	9															

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | With the unit at cold shutdown, MOV-SW-202B was found operating mechanically and elec-
0 3 | trically in an apparent reverse manner. This could have caused the MOV to open versus
0 4 | close on a safeguards signal, which is contrary to Technical Specification 3.4-A.5.
0 5 | and 3.14-A.1. Closure of this valve is needed during safeguards Isolation to main-
0 6 | tain proper canal level. The event is reportable per Technical Specification
0 7 | 6.6.2.a.(2).

08		9		80	
SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE	
W A 11		B 12		C 13	
COMP. SUBCODE		VALVE SUBCODE		COMPONENT CODE	
D 15		D 16		V A L T E X 14	
EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	
7 9		0 1 3		0 1	
LER/RO REPORT NUMBER		REVISION NO.		REPORT TYPE	
17		0		T	
ACTION TAKEN		EFFECT ON PLANT		SHUTDOWN METHOD	
B 18 Z 19		Z 20		Z 21	
FUTURE ACTION		HOURS		ATTACHMENT SUBMITTED	
		0 0 0 0 22		V 23	
NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
N 24		A 25		P 3 4 0 26	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The improper operation of MOV-SW-202B was due to the incorrect construction in-

1 1 stallation of the motor operator and the associated gear train to the spline of

1 2 the valve's disc. The corrective action taken was to remove the service water

1 3 valve from service.

1 4
7 8 9 80

FACILITY STATUS (1) 5 (2) G (28) % POWER (3) 0 (4) 0 (5) 0 (29) OTHER STATUS (30) NA METHOD OF DISCOVERY (31) C (32) DISCOVERY DESCRIPTION (32) Operator's observation

ACTIVITY		CONTENT		RELEASED		OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE	
1	6	Z	33	Z	34						
						NA				NA	

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

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	8	0	0	0	40
				NA	

7	8	9	11	12	80
LOSS OF OR DAMAGE TO FACILITY (43)					
TYPE		DESCRIPTION			
1	2	43	NA		

7 8 9 10
PUBLICITY
ISSUED DESCRIPTION (45)
7910240 562 NRC USE ONLY

NRC USE ONLY

PHONE: ~~(804) 357-3184~~

Title of Report: Inoperative Valve MOV-SW-202B

1. Description of Event:

With the unit at cold shutdown, an attempt was made to run the service water pumps for Unit 2 via service water valve MOV-SW-202B. With service water valve MOV-SW-202B electrically indicating open, the service water pumps did not receive suction. Further investigation revealed the manual operator and the motor operator of MOV-SW-202B operated in what appeared to be a reverse manner. This is contrary to Technical Specifications 3.4-A.5 and 3.14-A.1. The event is reportable in accordance with Technical Specification 6.6.2.a.(2).

2. Probable Consequences of Event:

The improper operating condition of service water valve MOV-SW-202B had no effect upon the health and safety of the general public because the unit was at cold shutdown without the need for safeguards isolation.

3. Cause of Event:

Upon disassembly, the disc's spline of the service water valve was found to be improperly aligned to the gear train of the motor operator.

4. Immediate Corrective Action:

The immediate corrective action taken was to remove the valve from service.

5. Scheduled Corrective Action:

The valve disc will be re-aligned with the gear train of the motor operator.

6. Action Taken to Prevent Recurrence:

No other action than to repair the valve is required.

7. Generic Implications:

This event presents no generic implications. The problem was due to a construction installation fault.