

3150-0011  
EXPIRES 4-30-82

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 REPORT SOURCE L 6 0 5 0 0 0 3 8 7 7 1 2 2 6 8 2 8 0 1 2 5 8 3 9  
7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

08 \_\_\_\_\_

U 9		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE			
7	8	R	B	X	Z	Z	Z	Z	Z	Z	Z	Z	Z				
		9	10	11	12	13	14	15	16	17	18	19	20				
17		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.							
LER/RO REPORT NUMBER		8 2		0 8 1		0 3		L		0							
21		22		23		24		25		26							
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
A		E		Z		Z		0 0 0 0		Y		N		Z		Z 9 9 9	
18		19		20		21		22		23		24		25		26	

1 0 | Loss of display on the RMCS panel was the result of 4 fuses blowing. These  
1 1 | were on communications paths, not power supplies. The fuses blew apparently  
1 2 | as a result of a transient current surge. This root cause could not be  
1 3 | verified, however, troubleshooting could not detect any other inconsistency.  
1 4 | The systems are now functioning properly.

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 48 49 50 51 52 53 54 55 56 57 58 59 60

FACILITY STATUS      % POWER      OTHER STATUS      METHOD OF DISCOVERY      DISCOVERY DESCRIPTION

1 5 B 28 0 3 5 29 n/a      A 31 operator observation

ACTIVITY CONTENT      AMOUNT OF ACTIVITY      LOCATION OF RELEASE

RELEASED      35      36

1 6 Z 33 Z 34 n/a      n/a

PERSONNEL EXPOSURES										
NUMBER		TYPE		DESCRIPTION						
1	7	0	0	0	37	38	n/a			

PERSONNEL INJURIES		DESCRIPTION	
NUMBER			
18	000	40	n/a

8		9		10		11		12	
LOSS OF OR DAMAGE TO FACILITY						DESCRIPTION			
TYPE									
1	9					Z	(42)		n/a

PUBLICITY ISSUED		DESCRIPTION		45		NRC USE ONLY									
2	0	N	44	n/a											

NAME OF PREPARER D.G. Mitchell

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Attachment

Licensee Event Report 82-081/03L-0

During a decrease in power during the Startup Testing Program, the display of the main Reactor Manual Control System was lost. This prevented determining rod position via the 4 rod display on the Standby Information Panel (SIP), the computer 4 rod display on a CRT, or the Full Core Display. The only available display was the NSS Process Computer OD-7 display which can be called up on a CRT. Based on the loss of control rod position display, the control rods were declared inoperable per Technical Specification 4.1.3.7, and the plant was required to be in Hot Shutdown within 12 hours. This entry into an action statement is reportable per 6.9.1.9.b.

The loss of display was due to 2 sets of fuses which were found blown. These fuses were in communication circuitry between the Rod Sequence Control System and the display panels. As the systems are designed, information from the control rods is transmitted to the Rod Position Indication Cabinet, and then branches to other functions. One path goes to the Process Computer and the Rod Worth Minimizer. This train was operable and would have permitted rod position determination via OD-7. The other branch, where the blown fuses were located, goes from the RPIC to the RSCS, then to the 4 Rod Dimultiplexer. From the 4 Rod Dimultiplexer, there are outputs to the 4 Rod Display on the SIP, the computer 4 Rod Display (available on a CRT), or the Full Core Display. Thus, rod position indication was lost to all but the CRT display via the RWM.

After replacement of the fuses, trouble shooting was done to determine a root cause. No single fault could be found which could account for such an event other than a transient current surge. An occurrence of this type could neither be verified nor disproven. The system was returned to service and operation continued.