

LICENSEE EVENT REPORT

CONTROL BLOCK: \_\_\_\_\_ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01	V	A	S	P	S	1	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4	5
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
LICENSEE CODE						LICENSE NUMBER						LICENSE TYPE JO						CAT 58							

01	L	0	5	0	0	0	2	8	0	7	0	8	0	4	8	2	0	8	3	0	8	2	5	
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
REPORT SOURCE		DOCKET NUMBER						EVENT DATE						REPORT DATE										

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

012 | With Unit 1 steady at 100%, Core Cooling Monitor "B" began to show erratic

013 | indication and was removed from service. This event is contrary to T.S.3.7.F and

014 | is reportable per T.S.6.6.2.b(2). The redundant Core Cooling Monitor was verified

015 | operable. Therefore, the health and safety of the public were not affected.

016 | \_\_\_\_\_

017 | \_\_\_\_\_

018 | \_\_\_\_\_

09	I	D	E	A	R	E	L	A	Y	X	C	Z	
7	8	9	10	11	12	13	14	15	16	17	18	19	20
SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE	
17	8	2	0	8	0	0	3	L	W	1	2	0	
21	22	23	24	25	26	27	28	29	30	31	32	33	
LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.			
ACTION TAKEN		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER	
A Z		Z		Z		0000		Y		N		N	
33	34	35	36	37	38	39	40	41	42	43	44	45	46
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)													

110 | The erratic indication was caused by the failure of a relay on a printed circuit

111 | board. The relay was replaced, and the Core Cooling Monitor was tested as per

112 | PT-2.27 (channel B) and returned to service.

113 | \_\_\_\_\_

114 | \_\_\_\_\_

15	E	1	0	0	N/A	A	Operator Observation	
7	8	9	10	11	12	13	14	
FACILITY STATUS		% POWER			OTHER STATUS		METHOD OF DISCOVERY	
ACTIVITY CONTENT		AMOUNT OF ACTIVITY			LOCATION OF RELEASE			
16	Z	Z	N/A	N/A	N/A	N/A	N/A	
7	8	9	10	11	12	13	14	
PERSONNEL EXPOSURES		DESCRIPTION						
17	0	0	0	Z	N/A	N/A	N/A	
7	8	9	10	11	12	13	14	
PERSONNEL INJURIES		DESCRIPTION						
18	0	0	0	N/A	N/A	N/A	N/A	
7	8	9	10	11	12	13	14	
LOSS OF OR DAMAGE TO FACILITY		DESCRIPTION						
19	Z	N/A	N/A	N/A	N/A	N/A	N/A	
7	8	9	10	11	12	13	14	
ISSUED DESCRIPTION		PDR ADOCK 05000280						
20	N	N/A	N/A	N/A	N/A	N/A	N/A	
7	8	9	10	11	12	13	14	

NAME OF PREPARER: J. L. Wilson

PHONE: (804) 357-3184

ATTACHMENT 1

SURRY POWER STATION, UNIT NO. 1

DOCKET NO: 50-280

REPORT NO: 82-080/03L-0

EVENT DATE: 08-04-82

TITLE OF THE EVENT: Inoperable Core Cooling Monitor

1. DESCRIPTION OF THE EVENT:

With Unit No. 1 steady at 100% power, the "B" Core Cooling Monitor began to show erratic indication and was removed from service. This event is contrary to Technical Specification 3.7.F and is reportable in accordance with Tech. Spec. 6.6.2.b(2).

2. PROBABLE CONSEQUENCES and STATUS of REDUNDANT EQUIPMENT:

The core cooling monitors are utilized to determine the margin to saturation of the Reactor Coolant System during and following an accident. The redundant Core Cooling Monitor remained operable while the "B" monitor was out of service. Therefore, the health and safety of the public were not affected.

3. CAUSE:

The erratic indication was caused by the failure of a relay on printed circuit board, A-1.

4. IMMEDIATE CORRECTIVE ACTION:

The immediate corrective action was to verify that the redundant core cooling monitor was operable.

5. SUBSEQUENT CORRECTIVE ACTION:

The defective relay was replaced. The core cooling monitor was returned to service as per PT 2.27 (channel B) within the time span specified by Technical Specifications.

6. ACTION TAKEN TO PREVENT RECURRENCE:

No additional actions were considered necessary.

7. GENERIC IMPLICATIONS:

Failure of components on the A-1 circuit card has been a recurring problem (Reference LER's 82-061, 82-065, and 82-078 for Unit 1). Replacement cards are on order from Westinghouse.