

LICENSEE EVENT REPORT

CONTROL BLOCK: (1) (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	0	3	4	1	1	1	1	4	5	
8	9	LICENSEE CODE						14	15	LICENSE NUMBER										25	26	LICENSE TYPE				30	37	CAT 58	

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0	1	L	6	0	5	0	0	0	2	8	1	7	0	8	2	6	8	0	5	0	9	2	5	8	0	9
8	9	REPORT SOURCE		60	61	DOCKET NUMBER						66	69	EVENT DATE				74	75	REPORT DATE				80		

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 With the unit operating at steady state the Channel III flow computer for "A" steam
0 3 generator steam flow, FC 2474, failed causing a low indication on flow indicator FI 2474.
0 4 The associated bi-stable was placed in the tripped mode pending repairs. This is a de-
0 5 graded mode of operation permitted by Technical Specification 3.7.A and is reportable
0 6 as per Technical Specification 6.6.2.2.b.(2) The redundant steam flow channel for "A" loop
0 7 was operational and prior to placing the bi-stable in the tripped mode could have prov-
0 8 ided the required signal therefore the health and safety of the public were not affected. 9

0	9	I	E	11	X	12	Z	13	I	N	S	T	R	U	14	Y	15	Z	16																																						
8	9	SYSTEM CODE		9	10	CAUSE CODE		11	CAUSE SUBCODE		12	COMPONENT CODE				13	COMP. SUBCODE		19	VALVE SUBCODE		20																																			
17		LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIA 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																											
8		9		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	
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CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Upon investigation a loose printed circuit board and a cold solder joint on a filter
1 1 capacitor were found and repaired. The system was calibrated & returned to service.
1 2
1 3
1 4

1	5	E	28	0	7	5	29	NA	30	A	31	Operator Observation	32	
2	9	FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION				
8	9	10		11		12		13		14		15		
1	6	Z	33	Z	34	NA	35	NA	36	LOCATION OF RELEASE				
7	8	9		10		11		12		13		14		
1	7	0	0	0	37	Z	38	NA	39	PERSONNEL EXPOSURES				
3	9	10		11		12		13		14		15		
1	8	0	0	0	40	NA	41	PERSONNEL INJURIES			LOSS OF OR DAMAGE TO FACILITY			
3	9	10		11		12		13		14		15		
1	9	Z	42	NA	43	PUBLCITY			ISSUED			DESCRIPTION		
2	9	10		11		12		13		14		15		
2	0	N	44	NA	45	NRC USE ONLY			PHONE			800 9300 504		
8	9	10		11		12		13		14		15		

NAME OF PREPARER J. L. Wilson

PHONE (804) 357-3184

ATTACHMENT 1
SURRY POWER STATION, UNIT II
DOCKET NO: 50-281
REPORT NO: 80-022/03L-0
EVENT DATE: 08-26-80

TITLE OF REPORT: FLOW INDICATOR FI 2474 FAILURE

1. Description of Event:

With the unit at 75% of rated power and stable, the Channel III flow computer for 'A' steam generator steam flow, FC-2474, failed causing a low indication on flow indication FI-2474. This is a degraded mode of operation permitted by technical specification and is reportable per TS 6.6.2.b.(2)

2. Probable Consequences and Status of Redundant Equipment:

The protection bi-stable was placed in the tripped mode pending repairs. The redundant steam flow channel for 'a' loop was operational and prior to placing the bi-stable in the tripped mode could have provided the required signal therefore the health and safety of the public were not affected.

3. Cause:

A cold solder joint was found in a multiplier divider filter capacitor and a printed circuit board was found to be loose.

4. Immediate Corrective Action:

The bi-stables for channel III, 'A' Steam Generator were placed in the tripped mode.

5. Subsequent Corrective Action:

The Instrument Technician repaired cold solder joint and properly installed the printed circuit board. The unit was calibrated and returned to service.

6. Action Taken to Prevent Recurrence:

None

7. Generic Implications:

None