

LICENSEE EVENT REPORT

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

0	1	V	A	S	P	S	1	2	0	0	-	0	0	0	C	0	-	0	0	3	4	1	1	1	1	4	5								
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LICENSEE CODE														LICENSE NUMBER										LICENSE TYPE										CAT 68	

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CONT		REPORT SOURCE										DOCKET NUMBER										EVENT DATE										REPORT DATE									

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | With the unit at 100% power, a routine walkdown revealed that the feeder breaker

0 3 | for heat tracing panel 2A1 was tripped. This is contrary to T.S.-3.3.B.5 and is

0 4 | reportable per T.S.-6.6.2.b.(2). The redundant heat tracing panel was verified

0 5 | operable, therefore, the health and safety of the public were not affected.

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SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE										COMP. SUBCODE		VALVE SUBCODE		LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.		ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUT-DOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | During the reinstallation of the Boric Acid Transfer pump's cover, following pump

1 1 | maintenance, the feeder breaker tripped on ground fault. Upon discovery, the

1 2 | feeder breaker was reset and the heat tracing panel returned to service.

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1	5	E	28	1	0	0	29	N/A	30	A	31	Walkdown	32	33	Z	34	N/A	35	N/A	36	37	0	38	N/A	39	40	0	41	N/A	42	N/A	43	44	N	45	46	47	48	49	50			
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FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION		ACTIVITY CONTENT RELEASED		AMOUNT OF ACTIVITY		LOCATION OF RELEASE		PERSONNEL EXPOSURES NUMBER		TYPE		DESCRIPTION		PERSONNEL INJURIES NUMBER		DESCRIPTION		LOSS OF OR DAMAGE TO FACILITY TYPE		DESCRIPTION		PUBLICITY		ISSUED DESCRIPTION		NRC USE ONLY									

NAME OF PREPARED J. L. Wilson

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NRC USE ONLY

ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 1
DOCKET NO: 50-280
REPORT NO: 83-050/03L-0
EVENT DATE: 11-03-83

TITLE OF THE EVENT: HEAT TRACING BREAKER TRIPPED

1. Description of the Event

With the unit at full power, it was found during a routine walkdown by operations that the feeder for heat tracing panel 2A1 was tripped. This is contrary to T.S.-3.3.B.5 and is reportable per T.S.-6.6.2.b.(2).

2. Probable Consequences and Status of Redundant Equipment

The redundant heat tracing panel 2B1 remained operable, therefore, heat was supplied to the boric acid piping and the public's health and safety were unaffected.

3. Cause

Following maintenance on the 2B boric acid transfer pump, circuit breaker No. 37 on panel 2A1 tripped as the cover was reinstalled on the pump. It is likely that the feeder breaker for panel 2A1 tripped on ground fault at the same time. Breaker No. 37 was reset; however, the feeder breaker was not checked at this time.

4. Immediate Corrective Action

The redundant heat tracing panel was verified operable. The 2A1 panel feeder breaker was reset and the panel re-energized.

5. Subsequent Corrective Action

None taken.

6. Action Taken to Prevent Recurrence

(1) A field change to the Heat Tracing Design Change will be initiated to provide means of alerting the control room operator to a loss of power.

(2) An Engineering Study will be initiated to provide protection to the strip heater terminations.

7. Generic Implications

Ground fault tripping of an entire heat tracing panel when a circuit breaker trips is possible for both unit 1 and 2.