

CONTROL BLOCK: | | | | | | | ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONT

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REPORT SOURCE

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60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

0 2 With Unit no. 2 at 90 percent power, PT-27 revealed that amp readings for heat tracing panel 10 circuits 1B, 2A and 5B and panel 11 circuits 2A, 4C and 5B were below the acceptance criteria stipulated in the PT. This event is contrary to T.S.3.3.A.4 and is reportable in accordance with T.S.6.6.2.b.(2). Boric Acid flow paths from the BIT and RWST were operable, therefore, the health and safety of the public were not affected.

0	8											80										
7	8	9	SYSTEM CODE		CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE				COMP SUBCODE	VALVE SUBCODE										
0	9		S	H	11	E	12	A	13	H	E	A	T	E	R	14	Z	15	Z	16		
7	8		9	10	11	12	13	14	15	16	17	18	19	20								
17		LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.										
		8	2	—		0	0	3	/	0	3	L	—	0								
		21	22	23	24	25	26	27	28	29	30	31	32									
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRO-4 FORM SUB		PRIME COMP SUPPLIER		COMPONENT MANUFACTURER						
C	18	F	19	Z	20	Z	21	0	0	0	0	Y	23	N	24	L	25	T	1	8	5	26
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55

1 0 The loss of heat tracing was due to excessive heat. The defective heat tracing was
1 1 replaced and tested. A design change has been initiated to change the manner by
which these borated lines are heat traced.

1 3

1 4

FACILITY STATUS (1 5) (E) (28) % POWER (0 9 0) (29) OTHER STATUS (30) N/A METHOD OF DISCOVERY (B) (31) DISCOVERY DESCRIPTION (32) Periodic Test

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 2 33 2 34

AMOUNT OF ACTIVITY (35)

N/A

LOCATION OF RELEASE (36)

N/A

PERSONNEL EXPOSURES										
NUMBER			TYPE	DESCRIPTION						
1	7	0	0	0	37	Z	38	N/A		

PERSONNEL INJURIES		DESCRIPTION
NUMBER		
1 2	40	N/A

LOSS OF OR DAMAGE TO FACILITY		(43)		8202160426 820127
TYPE DESCRIPTION				PDR ADOCK 05000281
1	9	Z	(42) N/A S	PDR

ISSUED DESCRIPTION (45) N/A

BUFILE (804) 357-3184

ATTACHMENT 1

SURRY POWER STATION, UNIT NO. 2

DOCKET NO: 50-281

REPORT NO: 82-003/03L-0

EVENT DATE 01-08-82

TITLE OF THE EVENT: HEAT TRACING FAILURE

1. DESCRIPTION OF EVENT:

With Unit No. 2 at 90% power, PT-27 revealed that the amp readings for heat tracing panel 10 circuits 1B, 2A and 5B (Two Circuits on the Boron Injection Tank (BIT) inlet, and a Charging Pump Suction Circuit) and panel 11 Circuits 2A, 4C and 5B (BIT inlet, Bit Recirc. and Charging Pump Suction respectively) were below the acceptance criteria stipulated in the PT. This event is contrary to Technical Specification 3.3.A.4, and is reportable per Technical Specification 6.6.2.b(2).

2. PROBABLE CONSEQUENCES AND STATUS OF REDUNDANT EQUIPMENT:

The heat tracing circuits are intended to maintain a fluid temperature above that needed for flow. The Boric Acid flow paths from the RWST and BIT were operable, therefore, the health and safety of the public were not affected.

3. CAUSE:

The loss of heat tracing was due to excessive heat.

4. IMMEDIATE CORRECTIVE ACTION:

The immediate corrective action was to initiate repairs to the heat tapes.

5. SUBSEQUENT CORRECTIVE ACTION:

The defective heat tracing tape was replaced and tested within the time span specified by Technical Specifications.

6. ACTION TAKEN TO PREVENT RECURRENCE:

No additional actions were deemed necessary.

7. GENERIC IMPLICATIONS:

A task force has reviewed the total spectrum of the Heat Tracing System and a Design Change has been prepared as a result of the Task Force Study. Design Change installation has commenced.