

CONTROL BLOCK:

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 ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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REPORT SOURCE

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DOCKET NUMBER

EVENT DATE

REPORT DATE

0 2 With Unit No. 2 at 100% power, PT-27 revealed that amp readings for heat tracing

0 3 Panel 10, circuit 4A was below the acceptance criteria stipulated in the PT. This

0 4 is contrary to T.S. - 3.3.A.4 and is reportable per T.S. - 6.6.2.b.(2). The

0 5 redundant heat tracing circuit was operable, therefore, the health and safety of the

0 6 public were not affected.

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0 9		SYSTEM CODE S H		CAUSE CODE E		CAUSE SUBCODE A		COMPONENT CODE H E A T E R				COMP. SUBCODE Z		VALVE SUBCODE Z	
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
LER/RO REPORT NUMBER		EVENT YEAR 8 1		SEQUENTIAL REPORT NO. 0 1 8		OCCURRENCE CODE 0 3		REPORT TYPE L		REVISION NO. 0					
23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
ACTION TAKEN C		FUTURE ACTION F		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED Y		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER A	
39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
ACTION TAKEN C		FUTURE ACTION F		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED Y		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER A	
55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70
ACTION TAKEN C		FUTURE ACTION F		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED Y		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER A	

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
1 2 | which these borated lines are heat traced.
1 3 |
1 4 |

[illegible]

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ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 2
DOCKET NO: 50-28
REPORT NO: 81-018/03L-0
EVENT DATE: 03-18-81

TITLE OF EVENT: HEAT TRACING FAILURE

1. DESCRIPTION OF EVENT:

With Unit No.2 at 100% power, PT-27 revealed that the amp readings for heat tracing Panel 10, circuit 4A (Boron Injection Recirc. Return) was 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 redundant heat tracing circuit was 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 verify that the redundant circuits was operable.

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 is being prepared as a result of the Task Force Study. Long lead items are being procured.