

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONT

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

2	8
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7 8 9		SYSTEM CODE S H 11		CAUSE CODE X 12		CAUSE SUBCODE X 13		COMPONENT CODE H E A T E R 14				COMP. SUBCODE Z 15		VALVE SUBCODE Z 16			
0 9 7 8																	
17 LER/RO REPORT NUMBER		EVENT YEAR 8 2 31 22		SEQUENTIAL REPORT NO. 0 1 8 24 26		OCCURRENCE CODE / 27		REPORT TYPE L 30		REVISION NO. 0 32							
ACTION TAKEN C 18		FUTURE ACTION F 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 0 22 32 40		ATTACHMENT SUBMITTED Y 23		NPRO-4 FORM SUB. N 24		PRIME COMP. SUPPLIER L 25		COMPONENT MANUFACTURER T 1 8 5 26 44 47	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

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1	4
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TYPE		DESCRIPTION
1	9	Z (42) N/A

NAC USE ONLY

NAME OF PERSON J. L. Wilson

DATE (804) 357-3184

ATTACHMENT 1
SURRY POWER STATION, UNIT NO.1
DOCKET NO: 50-280
REPORT NO: 82-018/03L-0
EVENT DATE: 01-21-82

TITLE OF THE EVENT: HEAT TRACING FAILURE

1. DESCRIPTION OF EVENT:

With Unit No.1 steady at 100% power, performance of PT-27D revealed that the amp readings for heat tracing Panels 8 and 9, circuit 13A (Boron Injection Tank Recirculation to Boric Acid Storage Tanks), 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. Normal operation of Boron Injection Tank recirculation verified that the required flow paths 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 recirculation flow path was verified by the operators. Immediate action was initiated to repair or replace the heat tape.

5. SUBSEQUENT CORRECTIVE ACTION:

The defective heat tracing tape was replaced and tested within the time span specified by Technical Specifications 3.0.1. .

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. Installation of this design change has commenced.