

LICENSEE EVENT REPORT

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

0 1 | V | A | S | P | S | 1 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | _____ | E
9 | LICENSEE CODE 14 | 15 | LICENSE NUMBER 25 | 26 | LICENSE TYPE 30 | 31 | CAT 58

CONT
0 1 | REPORT SOURCE | L | 0 | 5 | 0 | 0 | 0 | 2 | 8 | 0 | 0 | 8 | 0 | 3 | 8 | 2 | 0 | 8 | 2 | 4 | 8 | 2 | _____ | E
60 | 61 | DOCKET NUMBER 66 | 69 | EVENT DATE 74 | 75 | REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | With Unit No. 1 at 100% power, performance of PT-27A revealed that the amp
0 3 | reading for heat tracing panel 1, circuit 23A, was below the acceptance criteria
0 4 | stipulated in the PT. This event is contrary to T.S.3.3.A.4 and is reportable per
0 5 | T.S.6.6.2.b(2). Since the redundant heat tracing circuit was operable, the health
0 6 | and safety of the public were not affected.

0 9 | SYSTEM CODE | S | F | 11 | CAUSE CODE | E | 12 | CAUSE SUBCODE | A | 13 | COMPONENT CODE | H | E | A | T | E | R | 14 | COMP SUBCODE | Z | 15 | VALVE SUBCODE | Z | 16
17 | LER/RO REPORT NUMBER | 8 | 2 | 21 | SEQUENTIAL REPORT NO. | 0 | 7 | 6 | 24 | OCCURRENCE CODE | 0 | 3 | 28 | 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 | 37 | ATTACHMENT SUBMITTED | Y | 23 | NPRO-4 FORM SUB. | N | 24 | PRIME COMP. SUPPLIER | J | 25 | COMPONENT MANUFACTURER | T | 1 | 8 | 5 | 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

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 is being implemented to change the manner
1 2 | by which these borated lines are heat traced.

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

1 6 | ACTIVITY CONTENT RELEASED | Z | 33 | Z | 34 | AMOUNT OF ACTIVITY | N/A | 35 | LOCATION OF RELEASE | N/A | 36

1 7 | PERSONNEL EXPOSURES NUMBER | 0 | 0 | 0 | 37 | TYPE | Z | 38 | DESCRIPTION | N/A | 39

1 8 | PERSONNEL INJURIES NUMBER | 0 | 0 | 0 | 40 | DESCRIPTION | N/A | 41

1 9 | LOSS OF OR DAMAGE TO FACILITY TYPE | Z | 42 | DESCRIPTION | N/A | 43

2 0 | PUBLICITY ISSUED DESCRIPTION | N | 44 | N/A | 45 | NRC USE ONLY

NAME OF PREPARED J. L. Wilson P-ONE (804) 357-3184

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ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 1
DOCKET NO: 50-280
REPORT NO: 82-076/03L-0
EVENT DATE: 08-03-82

TITLE OF THE EVENT: Heat Tracing Failure

1. DESCRIPTION OF EVENT:

With Unit No. 1 steady at 100% power, performance of PT-27A revealed that the amp reading for heat tracing panel 1, circuit 23A (Boron Injection Tank Outlet piping and Boron Injection Tank side of MOV-1867C) 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. Since the redundant heat tracing circuit was operable, the health and safety of the public were not affected.

3. CAUSE OF THE EVENT:

The failure of the heat tracing was due to excessive heat.

4. IMMEDIATE CORRECTIVE ACTION:

The immediate corrective action was to verify that the redundant heat tracing circuit was operable.

5. SUBSEQUENT CORRECTIVE ACTION:

The defective heat tracing tape was replaced, tested, and returned to service 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 implemented as a result of the Task Force Study.