

LICENSEE EVENT REPORT

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

V | A | S | P | S | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 4 | 1 | 1 | 1 | 1 | _____ | _____ | _____
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

L | E | 0 | 5 | 0 | 0 | 0 | 2 | 8 | 1 | 0 | 3 | 2 | 3 | 8 | 3 | 0 | 4 | 1 | 8 | 8 | 3 | _____
 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES
 With Unit No. 2 at 100% power, PT-27 revealed that amp readings for heat tracing Panel 8, circuit 2B was below the acceptance criteria stipulated in the PT. This event is contrary to T.S.3.2.B.5 and is reportable per T.S.6.6.2.b.(2). The redundant heat tracing circuit was operable, therefore, the health and safety of the public were not affected.

S | H | B | C | H | E | A | T | E | R | Z | Z | _____ | _____ | _____
 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

8 | 3 | _____ | 0 | 1 | 3 | _____ | 0 | 3 | _____ | _____ | _____ | _____
 21 22 23 24 25 26 27 28 29 30 31 32

C | F | Z | Z | 0 | 0 | 0 | 0 | Y | N | L | T | 1 | 8 | 5 | _____
 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS
 The loss of heat tracing was due to a butt splice failure. The defective butt splice was replaced and the circuit tested.

E | 1 | 0 | 0 | N/A | B | Periodic Test | _____ | _____
 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

Z | Z | N/A | _____ | N/A | _____ | _____
 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

0 | 0 | 0 | Z | _____ | N/A | _____ | _____
 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

0 | 0 | 0 | _____ | N/A | _____ | _____ | _____
 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

Z | _____ | N/A | _____ | 8304260213 830418 | _____ | _____
 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

N | _____ | N/A | _____ | _____ | _____ | _____ | _____
 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

NAME OF PREPARED J. L. Wilson

PHONE (804) 357-3184

NRC USE ONLY

ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 2
DOCKET NO: 50-281
REPORT NO: 83-013/03L-0
EVENT DATE: 03-23-83

TITLE OF THE EVENT: HEAT TRACING FAILURE

1. Description of the Event

With Unit No. 2 at 100% power, PT-27 revealed that the amp readings for heat tracing Panel 8, circuit 2B (suction to BAT Pumps and A & C BAST to Suction Header) was below the acceptance criteria stipulated in the PT. This event is contrary to Technical Specification 3.2.B.5 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 circuits were operable, therefore, the health and safety of the public were not affected.

3. Cause

The loss of heat tracing was due to a Butt Splice failure.

4. Immediate Corrective Action

The immediate corrective action was to verify that the redundant circuits were operable.

5. Subsequent Corrective Action

The defective butt splice was replaced and the circuit tested within the time span specified by technical specifications.

6. Action Taken to Prevent Recurrence

No additional actions were deemed necessary.

7. Generic Implications

None.