

LICENSEE EVENT REPORT

EXHIBIT A

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

01 V A S P S 1 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5
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 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

CONT

01 REPORT SOURCE L 6 0 5 0 0 0 2 8 0 7 0 5 2 8 8 0 8 0 6 1 2 8 0 9
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 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 (10)

012 During power operation, a low Temperature Heat Tracing Alarm revealed the
013 failure of Heat Tracing Circuit #2 on panel 8. The redundant Heat Tracing
014 Circuit was verified operable. This event is a degraded mode of operation
015 as specified in T.S. 3.2.D.3 and is reportable in accordance with T.S.
016 6.6.2.b.2. With the redundant circuit operable, the Health and Safety
017 of the public were not affected.

018

019 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE
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 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 8017 LER/RO REPORT NUMBER 8 0 1 0 3 1 0 3 L 0
21 22 23 24 25 26 27 28 29 30 31 32ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
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 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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The low temperature Heat Tracing Alarm was caused by a defective circuit

11 breaker. The circuit breaker was replaced and heat tracing operability

12 verified.

13

14

15 FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION
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 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 8016 ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE
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 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 8017 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION
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 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 8018 PERSONNEL INJURIES NUMBER DESCRIPTION
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 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 8019 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION
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 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 8020 ISSUED DESCRIPTION
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 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

NAME OF PREPARER J. L. Wilson

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ATTACHMENT 1

SURRY POWER STATION, UNIT
DOCKET NO: 50-280
REPORT NO: 80-031/03L-0
EVENT DATE: 5-28-80

TITLE OF REPORT: HEAT TRACING FAILURE

1. Description of Event:

Investigation of the Heat Tracing Monitoring Panel indicated a low temperature alarm. A subsequent investigation revealed that circuit #2 on Panel 8 was inoperable. Repair of the defective circuit was initiated immediately. This event is a degraded mode of operation as specified in T.S. 3.2.D.3 and is reportable in accordance with T.S. 6.6.2.b.2.

2. Probable Consequences & Status of Redundant Systems:

The redundant Heat Tracing Circuit was verified operable, which meant heat was being supplied to the Boric Acid Piping. Therefore, the Health and Safety of the public were not affected.

3. Cause:

The low Temperature Heat Tracing Alarm was caused by a defective feeder circuit breaker rated at 120 VAC, 30 AMP capacity.

4. Immediate Corrective Action:

The immediate corrective action was to replace the defective circuit breaker. After replacing the circuit breaker, operability of the affected Heat Tracing Circuit was verified.

5. Subsequent Corrective Action:

Since the subject circuit is continuously monitored, no subsequent action is required.

6. Action Taken to Prevent Recurrence:

No additional actions were deemed necessary.

7. Generic Implications:

A task force has been established to study the total spectrum of the heat tracing system in an attempt to discern present problems and recommend solutions which will eliminate sporadic failures experienced.