

LICENSEE EVENT REPORT

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

011 V A S P S 1 0 10 - 10 10 10 10 10 - 10 10 3 4 1 1 1 1 4 5
8 9 14 15 25 26 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

CONT
012 REPORT SOURCE L 0 15 10 10 0 0 2 8 0 7 0 8 2 6 8 2 8 0 19 2 1 8 2 5
60 61 66 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

013 With Unit 1 steady at 100%, the "B" Core Cooling Monitor failed, resulting in
014 spurious alarms. This event is contrary to T.S.3.7.F and is reportable per
015 T.S.6.6.2.b(2). The redundant core cooling monitor was verified operable.
016 Therefore, the health and safety of the public were not affected.
017
018

019 SYSTEM CODE I D 11 CAUSE CODE E 12 CAUSE SUBCODE A 13 COMPONENT CODE R E L A Y X 14 COMP. SUBCODE C 15 VALVE SUBCODE Z 16
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
17 LER/RO REPORT NUMBER 8 2 21 22 0 8 9 24 26 0 3 28 29 L 30 31 0 32
ACTION TAKEN A 18 FUTURE ACTION Z 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 22 ATTACHMENT SUBMITTED Y 23 NPRD-4 FORM SUB. N 24 PRIME COMP. SUPPLIER N 25 COMPONENT MANUFACTURER W 1 1 2 0 26
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

110 The failure of the monitor was caused by the failure of relays on printed
111 circuit cards A-1 and A-2. The boards were repaired, and the Core Cooling Monitor
112 was tested as per PT 2.27 (channel B) and returned to service.
113
114

115 FACILITY STATUS E 28 % POWER 1 0 0 29 OTHER STATUS N/A 30 METHOD OF DISCOVERY A 31 DISCOVERY DESCRIPTION Operator Observation 32
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

116 ACTIVITY CONTENT Z 33 RELEASED OF RELEASE Z 34 AMOUNT OF ACTIVITY N/A 35 LOCATION OF RELEASE N/A 36
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

117 PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION N/A 39
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

118 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION N/A 41
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

119 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION N/A 43
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

120 ISSUING AGENCY N S PDR ADOCK 05000280 PDR N/A
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

NAME OF PREPARED J. L. Wilson

PHONE (804) 357-3184

NRC USE ONLY

110 91 7-926

ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 1
DOCKET NO: 50-280
REPORT NO: 82-089/03L-0
EVENT DATE: 08-26-82

TITLE OF THE EVENT: Inoperable Core Cooling Monitor

1. DESCRIPTION OF THE EVENT:

With Unit No. 1 steady at 100% power, the "B" Core Cooling Monitor failed, resulting in spurious alarms. This event is contrary to Technical Specification 3.7.F., and is reportable in accordance with Tech. Spec. 6.6.2.b(2).

2. PROBABLE CONSEQUENCES and STATUS of REDUNDANT EQUIPMENT:

The core cooling monitors are utilized to determine the margin to saturation of the Reactor Coolant System during and following an accident. The redundant core cooling monitor remained operable while the "B" monitor was out of service. Therefore, the health and safety of the public were not affected.

3. CAUSE OF THE EVENT:

This event was caused by the failure of relays on printed circuit boards A-1 and A-2.

4. IMMEDIATE CORRECTIVE ACTION:

The immediate corrective action was to verify that the redundant core cooling monitor was operable.

5. SUBSEQUENT CORRECTIVE ACTION:

The defective printed circuit boards were repaired. The core cooling monitor was tested as per PT 2.27 (channel B) and returned to service within the time span specified in Technical Specifications.

6. ACTIONS TAKEN TO PREVENT RECURRENCE:

No additional actions were considered necessary.

7. GENERIC IMPLICATIONS:

Failure of components on the circuit cards has been a recurring problem (Reference LER's 82-061, 82-065, 82-078, and 82-080 for Unit 1). Replacement cards are on order from Westinghouse.