

CONTROL BLOCK: ①

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 V A S P C ② 200 - 000000 - 000 ③ 41111 ④ ⑤
7 8 9 LICENSE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

01 L ⑥ 05000281 ⑦ 100583 ⑧ 091984 ⑨
7 8 REPORT SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

02 With Unit No. 2 at 100% power, 2-RS-P-1A tripped on overload during the performance
03 of the monthly surveillance test. This is contrary to T.S.-3.4.A.2 and is
04 reportable per T.S.-6.6.2.b.(2). The redundant pump remained operable, therefore
05 the health and safety of the public were not affected.
06 _____
07 _____
08 _____
7 8 9

09 S C ⑪ X ⑫ Z ⑬ C K T B R K ⑭ A ⑮ Z ⑯
7 8 9 SYSTEM CODE 10 CAUSE CODE 11 CAUSE SUBCODE 12 COMPONENT CODE 13 COMP. SUBCODE 14 VALVE SUBCODE 15 16
03 ⑰ 83 C 4 8 03 X 1
21 22 23 24 26 27 28 29 30 31 32
ACTION TAKEN ⑱ FUTURE ACTION ⑳ EFFECT ON PLANT ㉑ SHUTDOWN METHOD ㉒ HOURS ㉓ ATTACHMENT SUBMITTED ㉔ NPRD-4 FORM SUB. ㉕ PRIME COMP. SUPPLIER ㉖ COMPONENT MANUFACTURER ㉗

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ㉗

10 The cause of the trip could not be determined and was not repeatable, Electrical
11 checks were performed on both the pump motor and circuit breaker with satisfactory
12 results. The pump was returned to service.
13 _____
14 _____
7 8 9

15 E ⑲ 100 ⑳ N/A ㉓ B ㉔ ROUTINE TEST ㉕
7 8 9 FACILITY STATUS 10 % POWER 11 OTHER STATUS 12 METHOD OF DISCOVERY 13 DISCOVERY DESCRIPTION 14
16 Z ㉖ Z ㉗ N/A ㉘ N/A ㉙ N/A ㉚
7 8 9 ACTIVITY CONTENT 10 RELEASED OF RELEASE 11 AMOUNT OF ACTIVITY 12 LOCATION OF RELEASE 13
17 000 ㉛ Z ㉜ N/A ㉝
7 8 9 PERSONNEL EXPOSURES 10 NUMBER 11 TYPE 12 DESCRIPTION 13
18 000 ㉞ N/A ㉟
7 8 9 PERSONNEL INJURIES 10 NUMBER 11 DESCRIPTION 12
19 Z ㊲ N/A ㊳
7 8 9 LOSS OF OR DAMAGE TO FACILITY 10 TYPE 11 DESCRIPTION 12
20 N ㊴ N/A ㊵
7 8 9 PUBLICITY 10 ISSUED 11 DESCRIPTION 12

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PDR ADOCK 05000281
S PDR

ATTACHMENT 1

SURRY POWER STATION, UNIT NO. 2

DOCKET NO. 80-281

REPORT NO. 83-048/03X-1

EVENT DATE: 10-05-83

TITLE OF THE EVENT: 2-RS-P-1A TRIPPED WHEN STARTED

1. Description of the Event

On 10-05-83, with the unit at 100% power, while performing monthly periodic testing on the inside recirculation spray pump 2-RS-P-1A, the pump motor tripped on motor overloads. This event is contrary to Technical Specifications 3.4.A.2 and reportable per T.S.6.6.2.b.(2).

2. Probable Consequences and Status of Redundant Equipment

The spray systems in each reactor unit includes four separate parallel recirculation spray subsystems each of 50 percent capacity. One containment spray subsystem and two recirculation spray subsystems operating together are capable of cooling and depressurizing the containment to subatmospheric pressure in less than 60 minutes following the Design Basis Accident. Since at least two parallel recirculation spray pumps and subsystems remained operable throughout the events, the health and safety of the public were not affected.

3. Cause

The cause of the breaker trip was undetermined and could not be repeated.

4. Immediate Corrective Action

The outside pump motor breaker was reset and the pump tested satisfactorily.

5. Subsequent Corrective Action

The overload settings (instantaneous and long term) were checked and found to be set correctly.

6. Action Taken to Prevent Recurrence

In December 1983, Automation and Control department provided revised settings for the breaker overload devices. The overload settings were reset and the breakers' performance has been satisfactory. Therefore, no additional action is deemed necessary.

7. Generic Implications

None.