

LICENSEE EVENT REPORT

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

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

LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CONT

0 1 | REPORT SOURCE | L | 0 5 0 0 0 2 8 1 | 7 | 0 3 0 2 8 1 | 8 | 0 4 0 1 8 1 | 9

60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

0 2 | On March 3, 1981, with the Unit at Full Power and the 'C' A/C chiller out of service

0 3 | for a design change. The service water strainer for the 'A' A/C Condenser was found

0 4 | to be clogged. This event is contrary to T.S. 3.14.B and is reportable in accordance

0 5 | with T.S. 6.6.2.b(2). The redundant A/C chiller (1-VS-E-4B) maintained the control

0 6 | room temperature during this event. Therefore, the health and safety of the public

0 7 | were not affected.

0 9 | SYSTEM CODE | A A | ⑪ | CAUSE CODE | X | ⑫ | CAUSE SUBCODE | Z | ⑬ | COMPONENT CODE | F I L T E R | ⑭ | COMP. SUBCODE | Z | ⑮ | VALVE SUBCODE | Z | ⑯

9 10 11 12 13 18 19 20

⑰ | LER/RO REPORT NUMBER | 8 1 | ⑱ | SEQUENTIAL REPORT NO. | 0 2 1 | ⑲ | OCCURRENCE CODE | 0 3 | ⑳ | REPORT TYPE | L | ㉑ | REVISION NO. | 0 |

21 22 23 24 25 27 28 29 30 31 32

⑳ | ACTION TAKEN | X | ㉒ | FUTURE ACTION | Z | ㉓ | EFFECT ON PLANT | Z | ㉔ | SHUTDOWN METHOD | Z | ㉕ | HOURS | 0 0 0 0 | ㉖ | ATTACHMENT SUBMITTED | Y | ㉗ | NRPD-4 FORM SUB. | N | ㉘ | PRIME COMP. SUPPLIER | A | ㉙ | COMPONENT MANUFACTURER | K 1 4 3 | ㉚

33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ⑳

1 0 | The strainer was clogged due to material entrained in the service water system. The

1 1 | strainer was cleaned and the A/C chiller was returned to service within three (3)

1 2 | hours.

1 5 | FACILITY STATUS | E | ㉛ | % POWER | 1 0 0 | ㉜ | OTHER STATUS | N/A | ㉝ | METHOD OF DISCOVERY | B | ㉞ | DISCOVERY DESCRIPTION | Operator Observation | ㉟

7 8 9 10 12 13 44 45 46 80

1 6 | ACTIVITY CONTENT | Z | ㊱ | RELEASED OF RELEASE | Z | ㊲ | AMOUNT OF ACTIVITY | N/A | ㊳ | LOCATION OF RELEASE | N/A | ㊴

7 8 9 10 11 44 45 80

1 7 | PERSONNEL EXPOSURES | 0 0 0 | ㊵ | TYPE | Z | ㊶ | DESCRIPTION | N/A | ㊷

7 8 9 11 12 13 80

1 8 | PERSONNEL INJURIES | 0 0 0 | ㊸ | DESCRIPTION | N/A | ㊹

7 8 9 11 12 80

1 9 | LOSS OF OR DAMAGE TO FACILITY | Z | ㊺ | TYPE | Z | ㊻ | DESCRIPTION | N/A | ㊼

7 8 9 10 80

2 0 | ISSUED DESCRIPTION | N | ㊽ | PUBLICITY | N/A | ㊾ | NRC USE ONLY | ㊿

7 8 9 10 80

8104070 526

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ATTACHMENT 1 (PAGE 1 OF 1)
SURRY POWER STATION, UNIT 2
DOCKET NO: 50-281
REPORT NO: 81-021/03L-0
EVENT DATE: 03-02-81

TITLE OF EVENT: 1-VS-E-4A INOPERABLE

1. DESCRIPTION OF EVENT:

On March 3, 1981, with Unit Two at 100% power and the 'C' control room air conditioner chiller out of service for a design change, the service water strainer for the 'A' air conditioner condenser was found to be clogged. The chiller was removed from service and the strainer cleaned. This is contrary to Tech. Spec. 3.14.B and is reportable per Tech. Spec. 6.6.2.b.(2).

In addition, the unit was required to be placed in hot shutdown within 6 hours as per Tech. Spec. 3.0.1. However, the strainer was cleaned and repaired in three hours, and a unit shutdown was not initiated.

2. PROBABLE CONSEQUENCES AND STATUS OF REDUNDANT SYSTEMS:

The Control Room ventilation system contains three 100% capacity air conditioning units. Tech. Spec. 3.14, not being consistent with the philosophy used for other LCO's, requires 2 of 3 air conditioning condensers to be operable whenever fuel is loaded in the reactor core. Since the control room environment was maintained within the design parameters and the redundant air conditioning unit was returned to service within three hours, the health and safety of the public were not affected.

3. CAUSE:

Materials entrained in the service water system clogged the chiller's inlet strainer. An upstream self-cleaning strainer had been removed from service to perform modifications in accordance with a design change.

4. IMMEDIATE CORRECTIVE ACTION:

The 'B' air conditioning chiller was verified operating and maintaining the required environment within the control room.

5. SUBSEQUENT CORRECTIVE ACTIONS:

The service water strainer was cleaned and returned to service, and the upstream self-cleaning strainer has been refurbished and returned to service.

6. ACTION TAKEN TO PREVENT RECURRENCE:

The actions taken above are considered adequate.

7. GENERIC IMPLICATIONS:

None.