

# LICENSEE EVENT REPORT

CONTROL BLOCK: \_\_\_\_\_ (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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

5 6 14 15 25 26 30 37 38 58

LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 88

0 1 1 | R | 6 | 0 | 5 | 0 | 0 | 0 | 2 | 8 | 1 | 7 | 0 | 2 | 1 | 1 | 8 | 3 | 8 | 0 | 3 | 0 | 4 | 8 | 3 | 9

60 61 68 69 74 75 80

REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 1 2 | With the unit at full power, it was found during PT-15.1C that the turbine driven

0 1 3 | aux. feed pump would run intermittantly. The pump was declared inoperable. This

0 1 4 | is contrary to T.S.-3.6.C. and reportable per T.S.-6.6.2.b(2). The motor driven aux.

0 1 5 | feed pumps remained operable to provide decay heat removal, therefore the public's

0 1 6 | health and safety remained unaffected.

0 1 7 |

0 1 8 |

0 1 9 |

0 1 9 | S | H | 11 | E | 12 | D | 13 | M | E | C | F | U | N | 14 | Z | 15 | Z | 16

9 10 11 12 13 18 19 20

SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE

0 1 7 | 8 | 3 | 21 | 0 | 0 | 5 | 24 | 0 | 3 | 28 | L | 30 | 0 | 32

21 22 24 26 28 29 30 31 32

LER/RO NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.

0 1 8 | B | 18 | Z | 19 | Z | 20 | Z | 21 | 0 | 0 | 0 | 0 | 37 | Y | 23 | Y | 24 | A | 25 | W | 2 | 9 | 0 | 25

32 34 35 36 37 40 41 42 43 44 47

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NFRD-FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 1 0 | A small amount of corrosion in the piston in the regulator of the pump governor

1 1 1 | prevented free movement of the piston. This condition led to overspeeding of the

1 1 2 | pump and pump trip. The piston was cleaned, the governor readjusted, and the pump

1 1 3 | tested satisfactory.

1 1 4 |

1 1 5 | E | 28 | 1 | 0 | 0 | 29 | N/A | B | 31 | Periodic Test

8 9 10 12 13 44 45 46

FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)

1 1 6 | Z | 33 | Z | 34 | N/A | N/A | N/A | 36

8 9 10 11 44 45 46

ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1 1 7 | 0 | 0 | 0 | 37 | Z | 38 | N/A | 39

8 9 10 11 12 44 45 46

PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION (39)

1 1 8 | 0 | 0 | 0 | 40 | N/A | 41

8 9 10 11 12 44 45 46

PERSONNEL INJURIES NUMBER DESCRIPTION (41)

1 1 9 | Z | 42 | 8303160157 830304 | PDR ADOCK 05000281 | S | PDR

8 9 10 11 12 44 45 46

LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION (43)

1 1 0 | N | 44 | N/A | 45

8 9 10 11 12 44 45 46

PUBLICITY ISSUED DESCRIPTION (45)

ATTACHMENT 1  
SURRY POWER STATION, UNIT NO..2  
DOCKET NO: 50-281  
REPORT NO: 83-005/03L-0  
EVENT DATE: 02-11-83

TITLE OF THE EVENT: 2-FW-P-2 FAILURE

1. Description of the Event

With the unit at full power, it was discovered during PT-15.1C (Steam Generator Auxiliary Feedwater Pump 2-FW-P-2) that the turbine driven aux. feed pump would run for less than a minute before tripping on overspeed. The pump was declared inoperable. This is contrary to T.S.-3.6.C and reportable per T.S.6.6.2.b.(2).

2. Probable Consequences and Status of Redundant Equipment

The capability to supply feedwater to the generators is normally provided by the operation of the Condensate and Feedwater Systems. In the event of complete loss of electrical power to the station, residual heat removal would continue to be assured by the availability of either the steam driven Auxiliary Feedwater Pump or two of the motor driven Auxiliary Feedwater Pumps. Since both of the unit's motor driven pumps remained operable to provide decay heat removal, the health and safety of the public would not have been affected.

3. Cause

A small amount of corrosion in the Regulator piston in the pump governor valve prevented the piston from moving freely. This led to an overspeed condition resulting in pump trip.

4. Immediate Corrective Action

Maintenance was immediately initiated.

5. Subsequent Corrective Action

The turbine controls were inspected. A small amount of corrosion was found in the piston of the governor's regulator. The regulator was cleaned, the governor was readjusted, and the pump tested satisfactory.

6. Action Taken to Prevent Recurrence

None.

7. Generic Implications

This is a random event.