

## LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6 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 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

V A S P S 1 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 1 4 5  
LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 58CONT  
0 1  
REPORT SOURCE L 5 0 5 0 0 0 2 8 0 7 0 7 8 1 8 0 7 2 1 8 1 9  
DOCKET NUMBER EVENT DATE REPORT DATE

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

With the unit critical at 0% power during low power physics testing, an urgent failure alarm occurred, indicating that the control rods were inoperable. This condition existed for more than two hours, with the unit critical, contrary to the requirements of T.S.-3.12.C.3. This is reportable per T.S. 6.6.2a.(2). The unit remained in a controllable state throughout the event, and the rods were capable of being dropped if required. Therefore, the health and safety of the public were not affected.

0 9  
SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP SUBCODE VALVE SUBCODE  
R B 11 D 12 Z 13 C K T R R K 14 A 15 Z 16  
EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.  
8 1 0 1 9 0 1 T 0  
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NRC FORM 318 PRIME COMP. SUPPLIER COMPONENT MANUFACTURER  
A 18 G 19 Z 20 Z 21 0 0 0 0 Y 22 N 24 L 25 5 1 1 5 6 26

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

The control rods were inoperable because of a blown fuse in a power cabinet. The unit was maintained critical for more than the allowable two hour period due to inadequate annunciator procedures. The fuse was replaced and the annunciator procedure will be revised.

1 5  
FACILITY STATUS % POWER OTHER STATUS 30 METHOD OF DISCOVERY DISCOVERY DESCRIPTION 32  
B 28 0 0 0 29 N/A A 31 Operational Event  
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE 36  
Z 33 Z 34 N/A N/A  
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 39 N/A  
PERSONNEL INJURIES NUMBER DESCRIPTION 41 N/A  
LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION 43 N/A  
PUBLICITY ISSUED DESCRIPTION 45 N/A  
N 44

SURRY POWER STATION, UNIT 1  
DOCKET NO: 50-280  
REPORT NO: 81-019/01T-0  
EVENT DATE: 07-07-81

FAILURE TO SHUTDOWN WITH INOPERABLE RODS

1. DESCRIPTION OF EVENT:

With the unit critical at 0% power during low power physics testing, an urgent failure alarm occurred, indicating that the control rods were inoperable. This condition existed for more than two hours, but the unit was maintained critical. This is contrary to T.S.-3.12.C.3, and is reportable per T.S.-6.6.2a(2).

2. PROBABLE CONSEQUENCES:

The rods remained inoperable for less than 3 hours. The unit remained in a controllable state throughout this period, and all control rods were capable of being dropped if required. Therefore, the health and safety of the public were not affected.

3. CAUSE:

The control rods were inoperable because of a blown fuse in a power cabinet. The unit was maintained critical for greater than the two hour period allowed by the Technical Specifications due to inadequate annunciator procedures.

4. IMMEDIATE CORRECTIVE ACTION:

The blown fuse was located and replaced, making the control rod system operable.

5. SUBSEQUENT CORRECTIVE ACTION:

None required.

6. ACTION TAKEN TO PREVENT RECURRENCE:

The annunciator procedure will be revised to provide further guidance to the operators concerning control rod operability requirements.

7. GENERIC IMPLICATIONS:

None.