

LICENSEE EVENT REPORT

CONTROL BLOCK

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 V A S P S 1 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 31 CAT 52

02 REPORT SOURCE 1 6 0 5 0 0 0 2 8 0 7 0 8 0 3 8 1 8 0 8 2 4 8 1 9
DOCKET NUMBER 62 63 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

03 With Unit 1 at 100% steady state power, three electrical penetrations were found
04 open without the presence of a fire watch as required by T.S.3.21.G.2. This is
05 reportable per T.S.6.6.2.b.(2). Since other fire protection systems remained operable,
06 the health and safety of the public were not affected.

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010 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE
A B 11 A 12 E 13 X X X X X X 14 Z 15 Z 16
17 LER/RO REPORT NUMBER 18 EVENT YEAR 19 SEQUENTIAL REPORT NO. 20 OCCURRENCE CODE 21 REPORT TYPE 22 REVISION NO.
8 1 0 3 4 0 3 L 0
ACTION TAKEN 23 FUTURE ACTION 24 EFFECT ON PLANT 25 SHUTDOWN METHOD 26 HOURS 27 ATTACHMENT SUBMITTED 28 NPD-4 FORM SUB 29 PRIME COMP. SUPPLIER 30 COMPONENT MANUFACTURER
X 16 X 19 Z 20 Z 21 0 0 0 0 0 Y 23 N 24 Z 25 Z 9 9 9 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

110 Construction personnel failed to install a fire barrier or post a fire watch after
111 opening penetrations to install new cables. A fire watch was posted and the pene-
112 trations were subsequently sealed. Requirements for sealing fire stops have been
113 reviewed with contractor management.

114

115 FACILITY STATUS 116 % POWER 117 OTHER STATUS 118 METHOD OF DISCOVERY 119 DISCOVERY DESCRIPTION
E 28 1 0 0 29 N/A B 31 QC Inspection.

116 ACTIVITY CONTENT 117 RELEASED OF RELEASE 118 AMOUNT OF ACTIVITY 119 LOCATION OF RELEASE
Z 33 Z 34 N/A N/A

117 PERSONNEL EXPOSURES 118 NUMBER 119 TYPE 120 DESCRIPTION
0 0 0 37 Z 38 N/A

118 PERSONNEL INJURIES 119 NUMBER 120 DESCRIPTION
0 0 0 40 N/A

119 LOSS OF OR DAMAGE TO FACILITY 120 TYPE 121 DESCRIPTION
Z 42 N/A

120 8109080292 810824
PDR ADOCK 05000280
S PDR

N/A

NRC USE ONLY

NAME OF PREPARED J. L. Wilson

PHONE (804) 357-3184

ATTACHMENT 1
SURRY POWER STATION
DOCKET NO: 50-280
REPORT NO: 81-034/031-0
EVENT DATE: 08-03-81

TITLE OF EVENT: FIRE BARRIER PENETRATIONS NOT SEALED

1. DESCRIPTION OF THE EVENT:

With the unit operating at 100% steady state power, two Q.C. inspectors discovered unsealed fire barrier penetrations in the wall between the cable tray room and cable vault tunnel. A fire watch was not present. This is contrary to T.S.3.21.G.2 and is reportable as per T.S.6.6.2.b.(2).

2. PROBABLE CONSEQUENCES:

The functional integrity of the fire barrier penetration seals ensures that fires will be confined or adequately retarded from spreading to adjacent portions of the facility. Since all other fire protection systems were operable during this period, the health and safety of the public were not affected.

3. CAUSE:

Construction personnel failed to restore the fire barrier seal when additional cables were installed, and did not post a fire watch.

4. IMMEDIATE CORRECTIVE ACTION:

A fire watch was posted as per T.S. 3.21.B.2.

5. SUBSEQUENT CORRECTIVE ACTION:

The penetrations were properly sealed using applicable procedures and subsequent Q.C. examination found all the penetrations in this wall to be satisfactory.

6. ACTION TAKEN TO PREVENT RECURRENCE:

Procedural requirements for sealing fire stops have been reviewed with the contractor's construction manager and the cognizant craft superintendent with emphasis that strict compliance with these procedures is necessary.

7. GENERIC IMPLICATIONS:

None.