

LICENSEE EVENT REPORT

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

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

REPORT SOURCE L 0 5 0 0 0 2 8 0 7 0 1 1 5 7 9 8 0 2 1 2 7 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) During normal power operation, operator observation revealed an electrical penetration between the turbine building and the emergency switchgear room which was not properly sealed. This fire barrier penetration is also required to perform a pressure sealing function. This event is contrary to Technical Specification 4.18.H.2. The health and safety of the general public were not affected.

SYSTEM CODE S G 11 CAUSE CODE A 12 CAUSE SUBCODE X 13 COMPONENT CODE P E N E T R 14 COMP. SUBCODE D 15 VALVE SUBCODE 16

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) An investigation revealed that the seal on the electrical penetration had been broken during previous implementation of a station design change. The penetration was never resealed. The penetration was immediately resealed, and verified operable by local leakage testing.

FACILITY STATUS E 28 % POWER 1 0 0 29 OTHER STATUS NA 30 METHOD OF DISCOVERY A 31 DISCOVERY DESCRIPTION Control Room Personnel 32

7902200019

Surry Power Station, Unit
Docket No: 50-280
Report No: 79-002/03L-0
Event Date: 1-15-79

Unsealed Electrical Penetration

1. Description of Event:

During normal power operation, operator observation revealed an electrical penetration between the turbine building and the emergency switchgear room which was not properly sealed. This fire barrier penetration is also required to perform a pressure sealing function. This event is contrary to Technical Specification 4.18.H.2. The health and safety of the general public were not affected.

2. Probable Consequences and Status of Redundant Systems:

The operability of the emergency control room ventilation system was verified immediately upon discovery of the unsealed penetration.

3. Cause:

An investigation revealed that the seal on the electrical penetration had been broken during previous implementation of a station design change. The penetration was never resealed.

4. Immediate Corrective Action:

The penetration was immediately resealed, and verified operable by local leakage testing.

5. Scheduled Corrective Action:

The problem was corrected immediately and no further action is anticipated.

6. Action Taken to Prevent Recurrence:

Procedures have been generated for temporary and permanent sealing of fire barrier penetrations during construction or maintenance work. In addition, the ongoing construction effort has been made aware of the necessity for resealing any penetrations violated during construction.

7. Generic Implications:

None.