

## LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

V A S P S L 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 32REPORT SOURCE L 6 0 5 0 0 0 2 8 0 7 0 9 2 8 8 1 8 1 0 2 6 8 1 9  
DOCKET NUMBER 60 61 EVENT DATE 74 75 REPORT DATE 80EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

1 With the unit at CSD and the loops inoperable, 'B' RHR pump was removed from  
2 service and isolated to evaluate a small mechanical seal leak. The leak was  
3 determined to be insignificant and the pump was returned to service. This is contrary  
4 to T.S.-3.1.A.1.d.1 and is reportable per T.S.-6.6.2.b.(2). The redundant RHR loop  
5 remained in service and removed the reactor's decay heat. Therefore, the health and  
6 safety of the public were not affected.

SYSTEM CODE C F 11 CAUSE CODE E 12 CAUSE SUBCODE B 13 COMPONENT CODE P U M P X X 14 COMP. SUBCODE B 15 VALVE SUBCODE Z 16  
LER/RO REPORT NUMBER 8 1 17 SEQUENTIAL REPORT NO. 0 5 6 18 OCCURRENCE CODE 0 3 19 REPORT TYPE L 20 REVISION NO. 0 21  
ACTION TAKEN Z 18 FUTURE ACTION A 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 22 ATTACHMENT SUBMITTED Y 23 NPD-4 FORM SUB. N 24 PRIME COMP. SUPPLIER A 25 COMPONENT MANUFACTURER I 0 7 5 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

1 The minor seal leakage can be attributed to normal wear. The pump was returned to  
2 service. Based upon the evaluation of the seal leakage, no additional actions were  
3 necessary.

FACILITY STATUS G 28 % POWER 0 0 0 29 OTHER STATUS N/A 30 METHOD OF DISCOVERY Z 31 DISCOVERY DESCRIPTION N/A 32

ACTIVITY CONTENT RELEASED OF RELEASE Z 33 Z 34 AMOUNT OF ACTIVITY N/A 35 LOCATION OF RELEASE N/A 36

PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION N/A 39

PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION N/A 41

LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION N/A 43

PUBLICITY DESCRIPTION N/A 44

ISSUED N 45

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PDR ADDCK 05000280  
S PDR

NRC USE ONLY

ATTACHMENT 1  
SURRY POWER STATION, UNIT 1  
DOCKET NO: 50-280  
REPORT NO: 81-056/03L-0  
EVENT DATE: 09-28-81

ONE OPERABLE RHR LOOP

1. DESCRIPTION OF EVENT:

With the Unit at CSD and the RCS partially drained for maintenance, Residual Heat Removal Pump, 1-RH-P-1B, developed a small mechanical seal leak. The pump was removed from service and isolated for further evaluation.

Subsequent investigation revealed the leak to be minor and no repairs were necessary. The pump was then returned to service.

This event is contrary to Technical Specification 3.1.A.1.d.1 and is reportable in accordance with T.S.-6.6.2.b.(2).

2. PROBABLE CONSEQUENCES AND STATUS OF REDUNDANT EQUIPMENT:

A single reactor coolant loop or residual heat removal loop provides sufficient capacity for removal of decay heat.

With the loops drained to mid-nozzle, and thereby unavailable for heat removal, and the 'B' RH pump isolated, only one RHR loop was operable.

During this period, the isolated pump could have been returned to service as the leak had been determined to be minor.

The health and safety of the public were not affected.

3. CAUSE:

The minor leak has been attributed to normal wear.

4. IMMEDIATE CORRECTIVE ACTION:

The pump was isolated and later inspected by the Mechanical Maintenance Supervisor who determined the leak to be minor and not requiring seal maintenance.

5. SUBSEQUENT CORRECTIVE ACTION:

The pump was subsequently returned to service.

6. ACTION TAKEN TO PREVENT RECURRENCE:

Occasionally, it may be necessary to remove a RHR pump from service, when the RCS loops are inoperable, for an evaluation of a potential problem.

7. GENERIC IMPLICATIONS:

None.