

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
 LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 58

CON'T
 REPORT SOURCE L 6 0 5 0 0 0 2 8 0 7 0 7 0 6 8 2 8 0 8 0 2 8 2 9
 DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 1 With the unit at full power while performing PT-18.7, the "A" charging pump was
 0 2 observed to be leaking oil past one of its bearings. It was found that water was
 0 3 in the lube oil, therefore the pump was removed from service. With the "B"
 0 4 pump already out of service, this is contrary per T.S. 3.2.C.1 and is reportable
 0 5 per T.S.6.6.2.b(2). The "C" pump would have supplied 100% of the flow requirements
 0 6 if needed and the "A" pump was returned to service within the Tech. Spec.
 0 7 requirements, therefore the health and safety of the public were not affected.
 0 8 80

0 9
 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP SUBCODE VALVE SUBCODE
 P C 11 E 12 X 13 H T E X C H 14 C 15 Z 16
 17 LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.
 8 2 0 6 9 0 3 L 0
 ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRO-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
 A 18 Z 19 Z 20 Z 21 0 0 0 0 Y 23 N 24 N 25 G 2 1 3 26
 33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The water entered the "A" charging pump lube oil through a leak in one tube in the
 1 1 charging pump lube oil cooler. The "A" and "B" pump coolers were interchanged
 1 2 and "A" pump returned to service.
 1 3
 1 4 80

1 5 FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)
 E 28 1 0 0 29 N/A B 31 Periodic Test
 1 6 ACTIVITY CONTENT AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)
 Z 33 Z 34 N/A N/A
 1 7 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION (39)
 0 0 0 37 Z 38 N/A
 1 8 PERSONNEL INJURIES NUMBER DESCRIPTION (41)
 0 0 0 40 N/A
 1 9 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION (43)
 Z 42 N/A
 2 0 PUBLICITY ISSUED DESCRIPTION (45)
 N 44
 8208120170 820802
 PDR ADOCK 05000280
 S PDR
 NRC USE ONLY
 68 69 80

NAME OF PREPARED J. L. Wilson

PHONE (804) 357-3184

ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 1
DOCKET NO: 50-280
REPORT NO: 82-069/03L-0
EVENT DATE: 07-06-82

TITLE OF THE EVENT: 1-CH-P-1A Oil Cooler Tube Leak

1. DESCRIPTION OF EVENT:

With the unit at full power while performing PT-18.7, (Charging Pump Operational Check), the "A" Charging Pump was observed to be leaking oil from one of its bearings. An investigation indicated the presence of water in the lube oil. The pump was removed from service and declared inoperable. With "B" charging pump already out of service, this is contrary to T.S. 3.2.C.1 and reportable per T.S. 6.6.2.b(2).

2. PROBABLE CONSEQUENCES and STATUS of REDUNDANT EQUIPMENT:

The charging pumps supply makeup water to the reactor coolant system, RCP seal injection, as well as high head safety injection. One pump, however, is sufficient to supply 100% of the charging and safety injection requirements. Also, the affected pump was returned to service within 24 hours as required by Tech. Spec., therefore, the health and safety of the public were not affected.

3. CAUSE:

Charging Pump 1-CH-P-1A was declared inoperable due to one tube leak in its lube oil cooler which admitted service water to the lube oil. Oil leaking from one of the pump bearings lead to this discovery. The leakage was due to a high level in the lube oil reservoir caused by the service water inleakage.

4. IMMEDIATE CORRECTIVE ACTIONS:

The pump was declared inoperable and work initiated to repair the cooler.

5. SUBSEQUENT CORRECTIVE ACTION:

The failed "A" charging pump cooler was interchanged with the "B" pump cooler. The "A" pump was then returned to service.

6. ACTION TAKEN TO PREVENT RECURRENCE:

The actual mode of failure of the cooler tube was not determined, however, a search of station records indicated this event to be random, therefore, no further actions are deemed necessary.

7. GENERIC IMPLICATIONS:

None.