

LICENSEE EVENT REPORT

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

V A S P S 2 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 1 7 0 8 0 7 8 2 8 0 8 3 0 8 2 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10
With Unit 2 at 100% power, while performing PT 18.8, 2-SW-P-10B charging pump service water pump, failed to develop sufficient discharge pressure. This is contrary to T.S.3.3.A.8(b) and is reportable per T.S.6.6.2.b(2). The redundant charging pump service water pump remained operable, therefore the health and safety of the public were not affected.

SYSTEM CODE W A 11 CAUSE CODE E 12 CAUSE SUBCODE F 13 COMPONENT CODE F I L T E R 14 COMP. SUBCODE Z 15 VALVE SUBCODE Z 16
EVENT YEAR 8 2 SEQUENTIAL REPORT NO. 0 4 9 OCCURRENCE CODE 0 3 REPORT TYPE L REVISION NO. 0
ACTION TAKEN A 18 FUTURE ACTION Z 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 ATTACHMENT SUBMITTED Y 23 NFRD-4 FORM SUB. N 24 PRIME COMP. SUPPLIER A 25 COMPONENT MANUFACTURER A 4 8 5 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27
The insufficient discharge pressure was due to a leaking pump strainer. The strainer was replaced and the pump was returned to service within the time period specified by the T.S.

FACILITY STATUS E 28 % POWER 1 0 0 29 OTHER STATUS N/A 30 METHOD OF DISCOVERY B 31 DISCOVERY DESCRIPTION Operator Observation 32

ACTIVITY CONTENT 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 ISSUED N 44 DESCRIPTION 45

8209080519 820830 PDR ADOCK 05000280 S PDR

NRC USE ONLY

NAME OF OPERATOR J. L. Wilson

(804) 357-3184

ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 2
DOCKET NO: 50-281
REPORT NO: 82-049/03L-0
EVENT DATE: 08-07-82

TITLE OF THE EVENT: 2-SW-P-10B Low Discharge Pressure

L. DESCRIPTION OF EVENT:

With Unit 2 at 100% power, while performing PT 18.8 (Charging Pump Component Cooling & Service Water Pump Performance Test) 2-SW-P-10B, charging pump service water pump, failed to develop sufficient discharge pressure and was declared inoperable. This is contrary to Technical Specification 3.3.A.8(b) and is reportable per T.S.6.6.2.b(2).

2. PROBABLE CONSEQUENCES and STATUS of REDUNDANT EQUIPMENT:

The charging pump service water pumps supply water to the charging pump intermediate seal coolers and the lube oil coolers. During the event, the redundant pump remained operable; therefore the health and safety of the public were not affected.

3. CAUSE:

The lack of sufficient discharge pressure on the service water pump was due to air inleakage in the suction line through the service water pump strainer. The strainer plug and body had worn threads which resulted in an improper plug to body seal.

4. IMMEDIATE CORRECTIVE ACTION:

The redundant pump was verified operational and a maintenance report was initiated.

5. SUBSEQUENT CORRECTIVE ACTION:

The strainer was replaced and the pump was returned to service within the time period allowed by the Technical Specifications.

6. ACTION TAKEN TO PREVENT RECURRENCE:

The Design Change being developed as a result of system improvement reviews includes improvement of these strainers.

7. GENERIC IMPLICATIONS:

None.