

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
LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 31 CAT 56

REPORT SOURCE: L | 6 | 0 | 5 | 0 | 0 | 0 | 2 | 8 | 1 | 7 | 0 | 9 | 1 | 5 | 8 | 1 | 1 | 8 | 1 | 0 | 0 | 5 | 8 | 1 | 5
DOCKET NUMBER 55 56 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
With the unit at 100% power, charging pump service water pump 2-SW-P-10B lost suction. This is contrary to T.S.-3.3.A.8.b, and reportable per T.S.6.6.2.b.(2). Since the redundant pump started and maintained adequate flow for the charging pump intermediate seal coolers and lubricating oil coolers, the health and safety of the public were not affected.

SYSTEM CODE: W | A | 11
CAUSE CODE: X | 12
CAUSE SUBCODE: Z | 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
EVENT YEAR: 8 | 1 | 21
SEQUENTIAL REPORT NO.: 0 | 6 | 0 | 26
OCCURRENCE CODE: 0 | 3 | 28
REPORT TYPE: L | 30
REVISION NO.: 0 | 32
ACTION TAKEN: X | 18
FUTURE ACTION: X | 19
EFFECT ON PLANT: Z | 20
SHUTDOWN METHOD: Z | 21
HOURS: 0 | 0 | 0 | 0 | 22
ATTACHMENT SUBMITTED: Y | 23
NPRO-4 FORM SLB.: N | 24
PRIME COMP SUPPLIER: A | 25
COMPONENT MANUFACTURER: I | 0 | 7 | 5 | 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
During the summer months, the increased use of service water by the control room chillers can cause a loss of suction pressure to the charging pump service water pumps. One control room chiller was secured to restore flow to the charging pump service water pump.

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

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

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

PERSONNEL INJURIES: 0 | 0 | 0 | 40
NUMBER DESCRIPTION: 0 | 41
N/A | 42

LOSS OF OR DAMAGE TO FACILITY: Z | 42
TYPE DESCRIPTION: 43
N/A | 44

PUBLICITY ISSUED: N | 44
DESCRIPTION: 45
N/A | 46

ATTACHMENT 1
SURRY POWER STATION, UNIT 2
DOCKET NO: 50-281
REPORT NO: 81-060/03L-0
EVENT DATE: 09-15-81

TITLE OF EVENT: LOSS OF SUCTION TO 2-SW-P-10B

1. DESCRIPTION OF EVENT:

With the unit at 100% power, the charging pump service water pump 2-SW-P-10A Auto started when the 'B' pump lost suction pressure. The Control Room/Relay Room Air Conditioning Chiller, 1-VS-E-4C, was secured to decrease the service water demand and reflood the 'B' pump suction.

This event is contrary to Technical Specification 3.3.A.8.b and is reportable in accordance with Technical Specification 6.9.2.b.(2).

2. PROBABLE CONSEQUENCES & STATUS OF REDUNDANT EQUIPMENT:

The charging pump service water pumps supply water to the charging pump intermediate seal coolers and the charging pump lubricating oil coolers. The redundant pump started and maintained adequate flow through the coolers; therefore, the health and safety of the public were not affected.

3. CAUSE:

The service water piping for the charging pump service water pumps also supplies the Control Room/Relay Room air conditioner chiller units, 1-VS-E-4A, B, & C. During the summer months the increased use of service water by the chillers can cause a loss of suction pressure to the charging pump service water pumps. Recent modifications (DC 80-42) attempted to resolve the NPSH problems for the service water system. Installation and testing, completed in early spring indicated satisfactory performance; however, an intermittent problem is now indicated.

4. IMMEDIATE CORRECTIVE ACTION:

The chiller 1-VS-E-4C was secured to increase the service water available to the charging pump service water pumps.

5. SUBSEQUENT CORRECTIVE ACTION:

None required.

6. ACTION TAKEN TO PREVENT RECURRENCE:

Further evaluation is being conducted to determine if additional modifications are required.

7. GENERIC IMPLICATIONS:

This is generic to both units. Related occurrences are reported on LER 81-037/03L-0 for Unit one and LER 81-051/03L-0 for Unit two.