U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | LICENSEE CODE: V A S P S 2 (2) | LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 (3) | LICENSE TYPE: 4 1 1 1 1 (4) | CAT (5)

CON'T 0 1 | REPORT SOURCE: L (6) | DOCKET NUMBER: 0 5 0 0 0 2 8 1 (7) | EVENT DATE: 0 1 2 8 8 2 (8) | REPORT DATE: 0 2 2 6 8 2 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 With unit two operating at 100 percent power and 2-CH-P-1B out of service for
0 3 service water modifications, 2-CH-P-1C lubricating oil temperature began increasing.
0 4 The pump was deemed inoperable due to inadequate service water flow. This event
0 5 is contrary to T.S.3.3.A.5 and T.S.3.2.B.1 and is reportable pursuant to
0 6 T.S.6.6.2.b.(2). One pump is capable of supplying 100 percent of the HHSI or
0 7 charging flow requirements, therefore, the health and safety of the public were
0 8 not affected.

0 9 | SYSTEM CODE: S F (11) | CAUSE CODE: E (12) | CAUSE SUBCODE: B (13) | COMPONENT CODE: V A L V E X (14) | COMP. SUBCODE: H (15) | VALVE SUBCODE: G (16)

(17) LER/RO REPORT NUMBER | EVENT YEAR: 8 2 | — | SEQUENTIAL REPORT NO.: 0 0 9 | / | OCCURRENCE CODE: 0 3 | REPORT TYPE: L | — | REVISION NO.: 0

ACTION TAKEN: A (18) | FUTURE ACTION: A (19) | EFFECT ON PLANT: Z (20) | SHUTDOWN METHOD: Z (21) | HOURS (22): 0 0 0 0 | ATTACHMENT SUBMITTED: Y (23) | NPRD-4 FORM SUB.: N (24) | PRIME COMP. SUPPLIER: L (25) | COMPONENT MANUFACTURER: C 6 3 5 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 A foreign object was found in the valve body. The object was removed and the service
1 1 water system returned to service.
1 2
1 3
1 4

1 5 | FACILITY STATUS: E (28) | % POWER: 1 0 0 (29) | OTHER STATUS (30): N/A | METHOD OF DISCOVERY: A (31) | DISCOVERY DESCRIPTION (32): Operator Observation

1 6 | ACTIVITY RELEASED: Z (33) | CONTENT OF RELEASE: Z (34) | AMOUNT OF ACTIVITY (35): N/A | LOCATION OF RELEASE (36): N/A

PERSONNEL EXPOSURES
1 7 | NUMBER: 0 0 0 (37) | TYPE: Z (38) | DESCRIPTION (39): N/A

PERSONNEL INJURIES
1 8 | NUMBER: 0 0 0 (40) | DESCRIPTION (41): N/A

LOSS OF OR DAMAGE TO FACILITY (43)
1 9 | TYPE: N (42) | DESCRIPTION: N/A

PUBLICITY
2 0 | N/A | NRC USE ONLY

8203080361 820226
PDR ADOCK 05000280
S PDR

NAME OF PREPARER J. L. Wilson PHONE (804) 357-3184

ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 2
DOCKET NO: 50-281
REPORT NO: 82-009/03L-0
EVENT DATE: 01-28-82

TITLE OF THE EVENT: 2-CH-P-1C LOW SERVICE WATER FLOW

1. DESCRIPTION OF EVENT:

On January 28th, with Unit No. 2 operating at 100% power, and 2-CH-P-1B out of service for service water modifications, the lubricating oil temperature for 2-CH-P-1C began increasing. Investigation revealed a reduced service water flow to the lube oil heat exchanger. The pump was declared inoperable and removed from service. This is contrary to Technical Specification 3.3.A.5 and 3.2.B.1 and is reportable pursuant to Technical Specification 6.6.2.b(2). The service water temperature control valve (TCV) was cycled several times and flow returned to normal. The pump was declared operable and returned to service.

Approximately one week later 2-CH-P-1C again experienced low service water flow and the pump was declared inoperable. However, 2-CH-P-1A & 1B were operable.

2. PROBABLE CONSEQUENCES & STATUS OF REDUNDANT EQUIPMENT:

The charging pumps supply High Head Safety Injection, Reactor Coolant System make up, and the Reactor Coolant pump seal injection. One pump is sufficient to supply 100% of the charging and safety injection requirements. The health and safety of the public were not affected.

3. CAUSE:

The cause has been determined to be a foreign object that had lodged in the body of the TCV.

4. IMMEDIATE CORRECTIVE ACTION:

The TCV was cycled several times at which time the service water flow returned to normal.

5. SUBSEQUENT CORRECTIVE ACTION:

Following the second occurrence, the TCV was disassembled and the body of the TCV removed from the system. Inspection of the valve body revealed a foreign object had lodged within the valve body. The object was removed, the valve assembled and the system returned to a normal condition.

6. ACTION TAKEN TO PREVENT RECURRENCE:

This appears to be an isolated event, therefore, no additional actions are deemed necessary.

7. GENERIC IMPLICATIONS:

None.