

CONTROL BLOCK:

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 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONT

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REPORT SOURCE L 6 0 5 0 0 0 2 8 1 7 0 8 1 3 8 2 8 0 9 1 0 8 2 9

60 61 DOCKET NUMBER 66 69 EVENT DATE 74 75 REPORT DATE 80

012 With the unit at full power, it was discovered that uncollected leakage of
013 2-CH-P-1C was in excess of the T.S.-3.3.A.13 limit. With pump 2-CH-P-1B already
014 out of service, two pumps were simultaneously inoperable, which is contrary to
015 T.S.3.2.C.1 and T.S.3.3.A.5 and is reportable per T.S.6.6.2.b(2). Since
016 2-CH-P-1C was returned to service within 24 hours, the health and safety of the
017 public were not affected.

SYSTEM CODE C J 11		CAUSE CODE X 12		CAUSE SUBCODE Z 13		COMPONENT CODE P P M P X Y 14		COMP. SUBCODE R 15		VALVE SUBCODE 7 16	
EVENT YEAR 8 2 21 22		SEQUENTIAL REPORT NO. 0 4 8 24 26		OCCURRENCE CODE 0 3 28 29		REPORT TYPE L 30		REVISION NO. 0 32			
ACTION TAKEN X 18		FUTURE ACTION Z 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 0 22 37 40		ATTACHMENT SUBMITTED Y 23 41	
NPRD-4 FORM SUB. N 24 42		PRIME COMP. SUPPLIER A 25 43		COMPONENT MANUFACTURER B 5 8 0 26 44 47							

1 0 | The leak was a result of a loose flange bolr. The bolt was removed, lubricated,
1 1 | and reinstalled, correcting the leak.
1 2 |
1 3 |
1 4 |

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

8209200230 820910
PDR ADCK 05000280
S PDR

L. Wilson

Phone: (804) 357-3184

ATTACHMENT 1

SURRY POWER STATION, UNIT NO. 2

DOCKET NO: 50-281

REPORT NO: 82-048/03L-0

EVENT DATE: 08-13-82

TITLE OF THE EVENT: Charging Pump 1C Flange Leakage

1. DESCRIPTION OF THE EVENT:

On August 13, 1982, with Unit 2 at full power, Operations personnel discovered that charging pump 2-CH-P-1C had developed a casing leak around a flange bolt. The leakage was measured at 350/ml/min., which is in excess of the total allowable system uncollected leakage specified in Tech. Spec. Table -4.11-1. This event is contrary to Technical Specification 3.3.A.13. When the pump was isolated and declared inoperable, and with 2-CH-P-1B already out of service, two pumps were simultaneously inoperable which is contrary to Tech. Spec. 3.2.C.1 and Tech. Spec. 3.3.A.5. These events are reportable as per Tech. Spec. 6.6.2.b(2).

2. PROBABLE CONSEQUENCES and STATUS of REDUNDANT EQUIPMENT:

The three charging pumps supply High Head Safety Injection flow, Reactor Coolant System makeup, and Reactor Coolant Pump Seal Injection flow. One pump is sufficient to supply 100% of the charging and safety injection requirements. Since one pump (2-CH-P-1A) remained operable while the leak was repaired, the health and safety of the public were not affected.

3. CAUSE:

The cause of the leak was determined to be a loose flange bolt on the pump casing.

4. IMMEDIATE CORRECTIVE ACTION:

The pump was tagged out and removed from service. The bolt was removed, lubricated and reinstalled correcting the leak. The pump was returned to service in approximately two hours, which is within the time span allowed by T.S.3.2.B.2 and T.S.3.3.B.11.

5. SUBSEQUENT CORRECTIVE ACTION:

None required.

6. ACTION TAKEN TO PREVENT RECURRENCE:

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

7. GENERIC IMPLICATIONS:

None.