LICENSEE EVENT REPORT

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

01 — LICENSEE CODE: VASPS1 (2) — LICENSE NUMBER: 00-00000-00 (3) — LICENSE TYPE: 41111 (4) — CAT: (5)

CON'T 01 — REPORT SOURCE: L (6) — DOCKET NUMBER: 05000280 (7) — EVENT DATE: 012380 (8) — REPORT DATE: 021880 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During normal operation, flow was lost from Boric Acid Transfer Pump 1-CH-P-2A. Unit
03 ramp down was commenced until the "B" pump was placed in service. This is contrary to
04 T.S. 3.2.b.4 and is reportable according to T.S. 6.6.2.b.2. Since the redundant pump
05 was operable and appropriate Tech. Spec. action initiated, the health and safety of
06 the public were not affected.
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09	
SYSTEM CODE	PC (11)
CAUSE CODE	B (12)
CAUSE SUBCODE	C (13)
COMPONENT CODE	PUMPXX (14)
COMP. SUBCODE	B (15)
VALVE SUBCODE	Z (16)

(17) LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
80	—	009	/	03	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
A (18)	G (19)	B (20)	Z (21)	0000	Y (23)	N (24)	A (25)	G200 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Upon disassembly of 1-CH-P-2A, it was discovered that the pump shaft had broken inside
11 the pump casing. Improper installation during previous maintenance on the pump is the
12 suspected cause. A new shaft was installed in the "A" pump.
13 The maintenance procedures for the pumps have been updated to provide proper
14 dimensional verifications during manufacture of replacement parts and assembly of the pumps.

15	
FACILITY STATUS	E (28)
% POWER	100 (29)
OTHER STATUS (30)	NA
METHOD OF DISCOVERY	A (31)
DISCOVERY DESCRIPTION (32)	Operator Observation

16	
ACTIVITY RELEASED	Z (33)
CONTENT OF RELEASE	Z (34)
AMOUNT OF ACTIVITY (35)	NA
LOCATION OF RELEASE (36)	NA

17 PERSONNEL EXPOSURES — NUMBER: 000 (37) — TYPE: Z (38) — DESCRIPTION (39): NA

18 PERSONNEL INJURIES — NUMBER: 000 (40) — DESCRIPTION (41): NA

19 LOSS OF OR DAMAGE TO FACILITY (43) — TYPE: Z (42) — DESCRIPTION: NA

8002220 373

20 PUBLICITY — ISSUED: N (44) — DESCRIPTION (45): NA

NRC USE ONLY

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GPO 917-926

ATTACHMENT 1 (PAGE 1 OF 1)
SURRY POWER STATION, UNIT 1
DOCKET NO: 50-280
REPORT NO: 80-009/03L-0
EVENT DATE: 01-23-80
TITLE OF REPORT: Failure of Boric Acid Transfer Pump 1-CH-P-2A

1. DESCRIPTION OF EVENT:

During normal operation, with the Unit at 100% power, Control Room indication revealed loss of flow from Boric Acid Transfer Pump 1-CH-P-2A which was in service at the time. Unit ramp down was commenced until the "B" pump was placed in service. This event is reportable in accordance with T.S. 6.6.2.b.2.

2. PROBABLE CONSEQUENCES AND STATUS OF REDUNDANT SYSTEMS:

Since the appropriate T.S. action was implemented and since the redundant pump was operable, the health and safety of the public were not affected.

3. CAUSE:

The suspected cause of the event was improper installation of the pump shaft sleeve and impellor during previous maintenance work on the pump. This caused the shaft to fail in service.

4. IMMEDIATE CORRECTIVE ACTION:

The redundant pump was placed in service. A new shaft was installed in the A pump.

5. SUBSEQUENT CORRECTIVE ACTION:

None required.

6. ACTION TAKEN TO PREVENT RECURRENCE:

The maintenance procedures for the pumps have been updated to provide proper dimensional verifications during manufacture of replacement parts and assembly of the pumps.

7. GENERIC IMPLICATIONS:

None.