

LICENSEE EVENT REPORT

CONTROL BLOCK:

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 (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

1	V	A	S	P	S	2	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5
8	9					14	15											25	26					30	57	CAT	58	
LICENSEE CODE						LICENSE NUMBER												LICENSE TYPE										

ON'T

0	1
8	

REPORT SOURCE

L	6	0	5	0	0	0	2	8	1	7	1	1	1	4	8	0	8	1	2	1	1	8	0	9
60	61	DOCKET NUMBER						68	69	EVENT DATE						74	75	REPORT DATE						80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

012 | With the unit at 100% power, charging pump service water pump 2-SW-Pl0A developed
013 | a low discharge pressure of 10PSIG. This is contrary to T.S. 3.3.A.8.6 and is
014 | reportable per T.S. 6.6.2.b(2). The redundant pump was operational, therefore the
015 | health and safety of the public were not affected.
016 |
017 |
018 |

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 0		EVENT YEAR 8 0		SEQUENTIAL REPORT NO. 0 4 0		OCCURRENCE CODE 0 3		REPORT TYPE L		REVISION NO. 0	
ACTION TAKEN X 18		FUTURE ACTION Z 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 0 22		ATTACHMENT SUBMITTED Y 23	
NPRD-4 FORM SUB. N 24		PRIME COMP. SUPPLIER A 25		COMPONENT MANUFACTURER I 0 7 5 26							

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The reduced discharge pressure was due to material entrained in the water and being
1 1 deposited on the pump's impeller. The pump was disassembled, cleaned and returned to
1 2 service.
1 3
1 4

FACILITY STATUS			% POWER			OTHER STATUS			METHOD OF DISCOVERY			DISCOVERY DESCRIPTION		
5	E	28	1	0	0	29	N/A			30	B	31	Routine Inspection.	32
8	9		10	11	12	13	14	15	16	17	18	19	20	21

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35)

6 8 9 Z 33 10 Z 34 11 N/A 44

N/A 45

LOCATION OF RELEASE (36)

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
7	0	0	0	(37) Z	(38) N/A				

PERSONNEL INJURIES			
NUMBER	DESCRIPTION (41)		
0 0 0 (40)	N/A		

8	9	11	12	80
LOSS OF OR DAMAGE TO FACILITY (43)				
TYPE DESCRIPTION				

9	Z	42	N/A
8	9	10	
PUBLICITY			8012170 637

ISSUED		DESCRIPTION	NRC USE ONLY							
0	N(44)	N/A								

NAME OF PREPARER

[illegible]

PHONE: (804) 357-3184

NRC USE ONLY

NO 01 7-92 R

ATTACHMENT 1
SURRY POWER STATION, UNIT 2
DOCKET NO: 50-281
REPORT NO: 80-040/03L-0
EVENT DATE: 11-14-80

TITLE: 2-SW-P-10A LOW DISCHARGE PRESSURE

1. EVENT DESCRIPTION:

On November 14, 1980, with the unit at 100% power, Charging Pump Service water pump 2-SW-P-10A developed a low discharge pressure of 10 PSIG. The redundant service water pump functioned as designed. This event is contrary to Technical Specification 3.3.A.8.b and is reportable per Technical Specification 6.6.2.b (2).

2. PROBABLE CONSEQUENCES:

The Charging Pump service water pump is used to supply cooling water to the charging pump intermediate seal and lubricating oil coolers. The redundant pump (2-SW-P-10B) was operational, therefore the health and safety of the public were not affected.

3. CAUSE:

The reduced pressure was due to material entrained in the water, and being deposited on the pump's impeller.

4. IMMEDIATE CORRECTIVE ACTION:

The immediate corrective action was to verify the redundant pump in operation and clean the suction strainer for 2-SW-P-10A.

5. SUBSEQUENT CORRECTIVE ACTION:

The subsequent corrective action was to disassemble and clean the pump. The pump was tested and returned to service within the required time limit.

6. ACTION TO PREVENT RECURRENCE:

A Design Change is in progress, as a result of the pipe stress analysis program, which will improve the filtration capabilities of the system.

7. GENERIC IMPLICATIONS:

The Design Change will address both units.