

LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	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 LICENSEE CODE 14												15 LICENSE NUMBER 25												26 LICENSE TYPE 30					57 CAT 58		5		

REPORT SOURCE	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80				
	L	6	0	5	0	0	0	2	8	1	7	1	1	0	5	8	0	8	1	2	0	5	8	0	9
			DOCKET NUMBER								EVENT DATE						REPORT DATE								

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 With the unit at 100%, a high temperature on 'A' Chg. Pump (2-CH-P-1A) revealed a low Service Water flow to the pump. The low discharge pressure alarm failed to annunciate.

0 3 This is contrary to T.S. 3.3.A.8.b, and is reportable per T.S. 6.6.2.b.(2). The redundant pump was started and the Chg Pump temperatures returned to normal. Therefore, the health and safety of the public were not affected.

09		SYSTEM CODE W A 11		CAUSE CODE X 12		CAUSE SUBCODE Z 13		COMPONENT CODE P U M P S X 14				COMP. SUBCODE B 15		VALVE SUBCODE Z 16					
7 8		9 10		11		12		13				18		19		20			
17		LER/RO REPORT NUMBER		EVENT YEAR 8 0 21 22		23		SEQUENTIAL REPORT NO. 0 3 7 24 26		27		OCCURRENCE CODE 0 3 28 29		REPORT TYPE L 30		31		REVISION NO. 0 32	
ACTION TAKEN B 33		FUTURE ACTION F 34		EFFECT ON PLANT Z 35		SHUTDOWN METHOD Z 36		HOURS 0 0 0 0 37 40		ATTACHMENT SUBMITTED Y 41		NPRD-4 FORM SUB. N 42		PRIME COMP. SUPPLIER A 43		COMPONENT MANUFACTURER A 44		45 46 47	
18		19		20		21		22		23		24		25		26			

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 A clogged pump inlet strainer caused the low discharge pressure and a clogged pressure

1 1 switch sensing line prevented the alarm from annunciating. The strainer was cleaned and

the sensing line was purged. Both were tested and returned to service.

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

(804) 357-3184

NRC USE ONLY

0 917-926

ATTACHMENT 1 (PAGE 1 OF 1)
SURREY POWER STATION, UNIT 2
DOCKET NO: 50-281
REPORT NO: 80-037/03L-0
EVENT DATE: 11-05-80

TITLE OF REPORT: LOW DISCHARGE PRESSURE ON 2-SW-P-10B

1. EVENT DESCRIPTION

Upon investigation of a high temperature on charging pump 2-CH-P-1A, FI-SW-201A (charging pump lube oil cooler flow indicator) and FI-SW-201B (charging pump intermediate seal cooler flow indicator) indicated a reduced flow. Service Water Pump 2-SW-P-10B indicated a low discharge pressure of 10 PSIG. The low discharge pressure switch sensing line was clogged. This is contrary to T.S. 3.3.B.8.b and is reportable per T.S. 6.6.2.b.(2).

2. PROBABLE CONSEQUENCES AND STATUS OF REDUNDANT SYSTEMS:

The Charging Pump Service Water Subsystem provides cooling for the charging pump lube oil and intermediate seal coolers. The redundant pump, 2-SW-P-10A, was operable and performed its intended function. The charging pump temperatures returned to normal. Therefore, the health and safety of the public were not affected.

3. CAUSE:

The cause of the low discharge pressure was a clogged pump suction strainer. The cause of the failure of low discharge pressure alarm to annunciate was a clogged sensing line.

4. IMMEDIATE CORRECTIVE ACTION:

The redundant pump, 2-SW-P-10A, was started and verified, providing the required pressure and flow.

5. SUBSEQUENT CORRECTIVE ACTION:

Cleaned suction strainer in inlet to pump 2-SW-P-10B. Restarted the pump, and verified that it was operable. Also, cleaned the sensing line for the discharge pressure switch.

6. ACTIONS TAKEN TO PREVENT RECURRENCE:

A design change is in progress, as a result of the pipe stress analysis program. Piping rearrangement and system changes specified in the design change will improve the flow capabilities of the system.

7. GENERIC IMPLICATIONS:

Any changes would be applicable to both units.