

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

0	1
7	8

REPORT SOURCE

L	6	0	5	0	0	0	2	8	0	7	0	1	0	6	8	0	8	0	1	3	0	8	0	9		
60	61	DOCKET NUMBER										68	69	EVENT DATE					74	75	REPORT DATE					80

0 2 | During a routine release of LWTT number 80-95, the LW effluent flow recorder paper did

0 3 | not rotate when the drive gears disengaged from the recorder paper roll. This is

0 4 | contrary to T.S. 3.11.A.5 and is reportable in accordance with t.S. 6.6.2.b.2. All

0 5 | pertinent information on the effluent release was recorded on the form H.P. -3-5-1.1.

0 6 | No other plant systems were affected and the health and safety of the public were not

0 7 | affected.

SYSTEM CODE I D 11		CAUSE CODE A 12		CAUSE SUBCODE A 13		COMPONENT CODE I N S T R U 14				COMP. SUBCODE R 15		VALVE SUBCODE Z 16	
LER/RO REPORT NUMBER 17		EVENT YEAR 8 0 21 22		SEQUENTIAL REPORT NO. 0 0 2 24 26		OCCURRENCE CODE 0 3 28 29		REPORT TYPE L 30		REVISION NO. 0 32			
ACTION TAKEN H 18		FUTURE ACTION H 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 0 22 37 40		ATTACHMENT SUBMITTED Y 23		NPRD-4 FORM SUB. N 24	
PRIME COMP. SUPPLIER A 25		COMPONENT MANUFACTURER H 0 2 1 26											

1 0 The cause of the malfunction was that there was not an adequate mesh between the recorder

1 1 drive gears and the recorder paper roll. The recorder involved was a Hagan, Model 101,

1 2 miniature recorder. The corrective action was to ensure proper operation of the

1 3 recorder prior to the next effluent release.

FACILITY STATUS (1 5) (G 28) % POWER (0 0 0) (29) NA OTHER STATUS (30) METHOD OF DISCOVERY (A 31) DISCOVERY DESCRIPTION (32) Operator Observation

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 Z (33) NA (35)

7 8 9 10 11 44

NA LOCATION OF RELEASE (36)

45 80

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	(37) Z (38) NA (39)					

PERSONNEL INJURIES		DESCRIPTION	
NUMBER			
1	3	0	0
0	0	0	40
		NA	

8		9		11		12		80	
		LOSS OF OR DAMAGE TO FACILITY							
TYPE		DESCRIPTION							
1	9	Z	42	NA					

PUBLICITY		DESCRIPTION		8 00 129 0 202		NRC USE ONLY	
ISSUED	NA	45					

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(ATTACHMENT, PAGE 1 OF 1)
SURREY POWER STATION, UNIT 1
DOCKET NO: 50-280
REPORT NO: 80-002/03L-0
EVENT DATE: 01-06-80

TITLE OF EVENT: Flow Recorder (FR-LW-104A) Malfunction

1. DESCRIPTION OF EVENT

During a routine release of LWTT #80-95, the LW effluent flow recorder paper did not rotate. This is contrary to T.S. 3.11.A.5 and is re-portable in accordance with T.S. 6.6.2.b.2. The drive gears disengaged from the recorder paper roll, causing the paper to remain stationary and thus no record of flow rate was obtained. However, information about the release such as: 1) initial LWTT volume; 2) final LWTT volume, and 3) time duration of release, was recorded on Health Physics Form HP 3-5-1.1, No. 80-95.

2. PROBABLE CONSEQUENCES AND STATUS OF REDUNDANT SYSTEMS

All other systems of the plant necessary for the safe release of the LW effluent operated properly. Only the flow rate recorder was involved in this event. Because the system was monitored by the operators, the health and safety of the public were not affected.

3. CAUSE

The recorder paper roll is driven by drive gears that mesh with perforations along the paper's edge. In order for the recorder to operate properly, the paper must be held taut against the roller and drive gears. During the event, the paper was not held taut, and, although the drive gears rotated properly, the paper was not advanced. Thus, no continuous record of flow rate was obtained.

4. IMMEDIATE CORRECTIVE ACTION

The tension on the paper was adjusted so that proper recorder operation was attained before beginning the next effluent release.

5. SCHEDULED CORRECTIVE ACTION

The operators were instructed to insure proper paper tension and a good mesh between the recorder gears and the paper perforations.

6. ACTION TAKEN TO PREVENT RECURRENCE

Operators are instructed to observe recorder operation before effluent release.

7. GENERIC IMPLICATIONS

This malfunction is considered random because no specific instrument or system has exhibited repeated failures. There are no generic implications.