

LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40				
2	:		V	A	S	P	S	1	2	0	0	-	0	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4												5			
		LICENSEE CODE												LICENSE NUMBER												LICENSE TYPE												CAT				ES	

REPORT SOURCE L 6 0 5 0 0 0 2 8 0 7 0 4 2 2 7 9 8 0 5 2 2 7 9 9

60 61 JACKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

3.7.2 The Liquid Waste Disposal Radiation monitor failed to give a high alarm and trip the release valve. This is contrary to Technical Specification 3.7.E Table 3.7-5, and is reportable as per Technical Specification 6.6.2.b.(4). The release did not exceed allowable limits specified in 10CFR20. Therefore, the health and safety of the public were not affected.

SYSTEM CODE M C (11)		CAUSE CODE E (12)		CAUSE SUBCODE E (13)		COMPONENT CODE I N S T R U (14)				COMP. SUBCODE E (15)		VALVE SUBCODE Z (16)	
7 8		9 10		11 12		13 14 15 16 17 18				19 20		21 22	
17		EVENT YEAR 7 9 (22)		SEQUENTIAL REPORT NO. 0 1 4 (23)		OCCURRENCE CODE 0 3 (24)		REPORT TYPE L (25)		REVISION NO. 0 (26)			
21 22		23 24		25 26		27 28		29 30		31 32			
ACTION TAKEN E (18)		FUTURE ACTION H (19)		EFFECT ON PLANT Z (20)		SHUTDOWN METHOD Z (21)		HOURS 0 0 0 0 (22)		ATTACHMENT SUBMITTED Y (23)		NPRO-4 FORM SUB. N (24)	
33 34		35 36		37 38		39 40		41 42		43 44		45 46 47	
												PRIME COMP. SUPPLIER L (25)	
												COMPONENT MANUFACTURER V 1 1 5 (26)	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

110 The failure of the radiation monitor alarm signal was caused by instrument drift in  
111 the high alarm setpoint. At no time were the limits of 10CFR20, Appendix B, or Techni-  
112 cal Specification 3.11.A.1 exceeded. All liquid waste releases were secured. The alarm  
113 board was calibrated and checked. The monitor was returned to service.

3 9  
FACILITY STATUS  
1 5 G 29 0 0 0 29 Unit 2 Defueled 44  
7 3 9 10 12 13 44  
ACTIVITY CONTENT  
RELEASED OF RELEASE  
1 5 Z 33 34 NA 44  
7 3 9 10 11 44  
PERSONNEL EXPOSURES  
NUMBER TYPE DESCRIPTION 39  
1 7 0 0 0 37 Z 38 NA  
7 3 9 11 12 13 39  
PERSONNEL INJURIES  
NUMBER DESCRIPTION 41  
1 3 0 0 0 40 NA  
7 3 9 11 12 41  
LOSS OF OR DAMAGE TO FACILITY  
TYPE DESCRIPTION 43  
1 3 Z 42 NA  
7 3 9 10 43  
PUBLICITY  
ISSUED DESCRIPTION 45  
2 3 N 44 NA  
7 3 9 10 45  
7905250/56  
NRC USE ONLY

NAME OF PREPARER W. L. Stewart

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NRC USE ONLY

7905250/58

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(Attachment, page 1 of  
Surry Power Station, Unit 1  
Docket No: 50-280  
Report No: 79-014/03L-0  
Event Date: 4-22-79

Title: Radiation Monitor RM-LW-108 Malfunction

1. Description of Event:

The Liquid Waste Disposal Radiation monitor RM-LW-108 failed to give a high alarm signal to trip the effluent discharge valve FCV-LW-104A and terminate a liquid release. This event is contrary to Technical Specification Table 3.7-5 (Alarm Setpoint). It is reportable as per Technical Specification 6.6.2.B.4.

2. Probable Consequences and Status of Redundant Systems:

The release limits delineated in Technical Specification 3.11.A (10CFR20 App. B) were not exceeded. Therefore, the health and safety of the public were not affected. The redundant discharge tunnel monitor was operable and verified no significant release occurred.

3. Cause:

The failure of the radiation monitor alarm signal was caused by instrument drift in the high alarm setpoint. At no time were the limits of 10CFR20, Appendix B, or Technical Specification 3.11.A.1 exceeded.

4. Immediate Corrective Action:

All liquid waste releases were secured. The alarm board was calibrated and checked. The monitor was returned to service.

5. Subsequent Corrective Action:

None considered necessary.

6. Actions Taken to Prevent Recurrence:

No further corrective action is required.

7. Generic Implications

None