

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

SYSTEM CODE M C 11		CAUSE CODE E 12		CAUSE SUBCODE E 13		COMPONENT CODE I N S T R U 14		COMP. SUBCODE Y 15		VALVE SUBCODE Z 16	
LER/RO REPORT NUMBER 8		EVENT YEAR 8 2 21		SEQUENTIAL REPORT NO. 1 2 7 24		OCCURRENCE CODE 0 3 28		REPORT TYPE L 30		REVISION NO. 0 32	
ACTION TAKEN C 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 FORM SUB. N 24		PRIME COMP. SUPPLIER L 25		COMPONENT MANUFACTURER V 1 1 5 26							

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

FACILITY STATUS A (28)			% POWER 1 1 0 0 (29)			OTHER STATUS N/A (30)			METHOD OF DISCOVERY A (31)			DISCOVERY DESCRIPTION Operator Observation (32)		
ACTIVITY RELEASED OF RELEASE Z (33)			CONTENT Z (34)			AMOUNT OF ACTIVITY N/A (35)			LOCATION OF RELEASE N/A (36)					
PERSONNEL EXPOSURES NUMBER 0 0 0 (37)			TYPE Z (38)			DESCRIPTION N/A (39)								
PERSONNEL INJURIES NUMBER 0 0 0 (40)			DESCRIPTION N/A (41)											
LOSS OF OR DAMAGE TO FACILITY TYPE Z (42)			DESCRIPTION N/A (43)											
PUBLICATION ISSUED N (44)			DESCRIPTION N/A (45)			8302010424 830121 PDR ADOCK 05000280 S PDR			NRC USE ONLY					

NAME OF PREPARED J. L. Wilson

DATE: (804) 357-3184

ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 1
DOCKET NO: 50-280
REPORT NO: 82-127/03L-0
EVENT DATE: 12-28-82

TITLE OF THE EVENT: RM-GW-102 MALFUNCTION

1. Description of the Event

With Unit one at 100 percent power and a gaseous waste release in progress, the operator observed the Radiation Recorder, RR-175, was indicating off scale high for RM-GW-102. The Radiation Monitor, RM-GW-102 was observed to be indicating normal. This event is contrary to Technical Specification 3.11.B.4 and reportable pursuant to Technical Specification 6.6.2.b.(2).

2. Probable Consequences and Status of Redundant Equipment

The Radiation Recorder, RR-175, serves to provide a continuous permanent record of the gross activity of liquids and gases being released. The recorder does not mitigate the consequences of any system malfunction.

The other functions of Radiation Monitor RM-GW-102, including alarm and automatic actuating functions, remained operable.

Since the process vent gaseous release during this event was within the allowable limits and the appropriate actions, as outlined in Abnormal Procedure 5.16, were performed, the health and safety of the public were not affected.

3. Cause

The cause of this event was the failure of the discriminator printed circuit board in RM-GW-102 resulting in a low output to RR-175.

4. Immediate Corrective Action

The release was terminated and other appropriate actions of Abnormal Procedure 5.16 were performed.

5. Subsequent Corrective Action

The discriminator board was replaced and the log rate meter was recalibrated.

6. Action Taken to Prevent Recurrence

None required.

7. Generic Implications

None.