NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK: | | | | | | | (1) (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)

LICENSEE CODE | LICENSE NUMBER | LICENSE TYPE | CAT

CON'T 0 1 | REPORT SOURCE L (6) | 0 5 0 0 0 2 8 1 (7) | 0 1 0 6 8 1 (8) | 0 1 3 0 8 1 (9)

DOCKET NUMBER | EVENT DATE | REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 With Unit 2 operating steady state at 100% power, RM-GW-101,102; RM-VG-103, 104;

0 3 RM-SW-107 and RM-LW-108 liquid waste rad monitors failed low. This is contrary to T.S.

0 4 4.9.C and is reportable as per T.S.6.6.2.b(4). Abnormal procedures were initiated

0 5 thereby terminating the releases in progress. Therefore the health and safety of the

0 6 public were not affected.

0 7

0 8

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
0 9	M C (11)	E (12)	A (13)	C K T B R K (14)	C (15)	Z (16)

(17) LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
8 1	—	0 0 3	/	0 3	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
A (18)	Z (19)	Z (20)	Z (21)	0 0 0 0	Y (23)	N (24)	A (25)	S 1 2 6 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 A failed fuse was determined to have been the cause of loss of power to these radia-

1 1 tion monitors. Appropriate abnormal procedures were performed as required while the

1 2 fuse was replaced.

1 3

1 4

	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
1 5	E (28)	1 0 0 (29)	N/A	A (31)	Operator Observation.

	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
1 6	Z (33)	Z (34)	N/A	N/A

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION (39)
1 7	0 0 0 (37)	Z (38)	N/A

PERSONNEL INJURIES

	NUMBER	DESCRIPTION (41)
1 8	0 0 0 (40)	N/A

LOSS OF OR DAMAGE TO FACILITY (43)

	TYPE	DESCRIPTION
1 9	Z (42)	N/A

PUBLICITY

	ISSUED	DESCRIPTION (45)	NRC USE ONLY
2 0	N (44)	N/A	

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ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 2
DOCKET NO: 50-281
REPORT NO: 81-003/03L-0
EVENT DATE: 01-06-81

TITLE OF REPORT RADIATION MONITORS FAILURE

1. DESCRIPTION OF EVENT:

With Unit Two operating steady state at 100% power, RM-GW-101, 102 (process Vent Radiation Monitors); RM-VG-103, 104 (vent vent radiation monitors); RM-SW-107 (component cooling heat exchanger service water failed low. This is contrary to T.S.4.9.C and is reportable as per T.S.6.6.2.b(4).

2. PROBABLE CONSEQUENCES AND STATUS OF REDUNDANT EQUIPMENT:

An undetected failure of the radiation monitors could have resulted in an unmonitored release to the enviornment. No releases were in progress except the normal vent-vent and Process vent operation. Applicable abnormal procedures were initiated immediately, thereby terminating the releases in progress within a short time of the monitor failure. In addition, all releases were within Technical Specification Limits. Therefore, the health and safety of the public were not affected.

3. CAUSE:

The monitor failures were caused by a loss of power due to a failed fuse. The failure of the fuse appears to be end of normal life.

4. IMMEDIATE CORRECTIVE ACTION:

The failed fuse was replaced.

5. SUBSEQUENT CORRECTIVE ACTION:

The radiation monitors were verified operable.

6. ACTIONS TAKEN TO PREVENT RECURRENCE:

Since procedures are available to cope with this type of failure, no additional action is deemed necessary.

7. GENERIC IMPLICATION:

None.