LICENSEE EVENT REPORT

CONTROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

Field	Value
Licensee Code (2)	V A S P S 1
License Number (3)	0 0 - 0 0 0 0 0 - 0 0
License Type (4)	4 1 1 1 1
CAT (5)	
Report Source (6)	L
Docket Number (7)	0 5 0 0 0 2 8 0
Event Date (8)	0 9 0 2 8 1
Report Date (9)	0 9 2 9 8 1

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

With the unit at 100% power, it was discovered the high alarm set point for component cooling radiation monitor RM-CC-105 had been exceeded without the annunciator alarming or the CC surge tank vent closing. The effluent from the surge tank vent enters the process vent system where it is continuously monitored. No increase in activity was evident; therefore the health and safety of the public were not affected. This event is contrary to T.S.3.7.E and is reportable per T.S. 6.6.2.b (4).

System Code (11)	Cause Code (12)	Cause Subcode (13)	Component Code (14)	Comp. Subcode (15)	Valve Subcode (16)
M C	E	G	I N S T R U	Y	Z

LER/RO Report Number (17)	Event Year		Sequential Report No.		Occurrence Code	Report Type		Revision No.
	8 1	—	0 4 2	/	0 3	L	—	0

Action Taken (18)	Future Action (19)	Effect on Plant (20)	Shutdown Method (21)	Hours (22)	Attachment Submitted (23)	NPRD-4 Form Sub. (24)	Prime Comp. Supplier (25)	Component Manufacturer (26)
A	Z	Z	Z	0 0 0 0	Y	N	A	V 1 1 5

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

The cause of the event was a failed log ratemeter card in the radiation monitor. The card was replaced, the instrument calibrated, and the radiation monitor was returned to service.

Facility Status (28)	% Power (29)	Other Status (30)	Method of Discovery (31)	Discovery Description (32)
E	1 0 0	N/A	A	Operator Observation

Activity Released (33)	Content of Release (34)	Amount of Activity (35)	Location of Release (36)
Z	Z	N/A	N/A

PERSONNEL EXPOSURES

Number (37)	Type (38)	Description (39)
0 0 0	Z	N/A

PERSONNEL INJURIES

Number (40)	Description (41)
0 0 0	N/A

LOSS OF OR DAMAGE TO FACILITY (43)

Type (42)	Description
Z	N/A

8110060454 810929
PDR ADOCK 05000280
S PDR

PUBLICITY

Issued (44)	Description (45)
N	N/A

NRC USE ONLY

NAME OF PREPARER J. L. Wilson PHONE (804) 357-3184

ATTACHMENT 1
SURRY POWER STATION, UNIT 1
DOCKET NO: 50-280
REPORT NO: LER 81-042/03L-0
EVENT DATE: 09-02-81

RM-CC-105 OUT OF CALIBRATION

1. DESCRIPTION OF EVENT:

On September 2,1981, with the unit at 100% power, the control room operator noticed that the meter reading from the component cooling radiation monitor RM-CC-105, had exceeded the high alarm set point but the annunciator had not sounded nor had the component cooling surge tank vent closed. This event is contrary to Technical Specification 3.7.E and is reportable per Technical Specification 6.6.2.b(4).

2. PROBABLE CONSEQUENCES OF OCCURRENCE:

Effluent from the component cooling surge tank vent enters the process vent system where the activity levels are continuously monitored. There was no noticeable increase in the activity levels of the process vent system during this event; therefore, the health and safety of the public were not affected.

3. CAUSE OF EVENT:

The log ratemeter card in the instrument drawer had failed. This resulted in the absence of the alarm and the corresponding automatic function (e.g. closing the component cooling surge vent).

4. IMMEDIATE CORRECTIVE ACTION:

The immediate corrective action was to isolate the component cooling surge tank vent.

5. SUBSEQUENT CORRECTIVE ACTION:

The failed log ratemeter card in the radiation monitor was replaced and the instrument was recalibrated. The alarm set point was adjusted to a value of less than or equal to two times background as per Tech. Spec. Table 3.7-5.

6. ACTIONS TAKEN TO PREVENT RECURRENCE:

As these monitors are checked daily, per Tech. Spec. 4.1, and occupy a conspicuous location in the control room, no further action is deemed necessary.

7. GENERIC IMPLICATIONS:

None.