

LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

1	V	A	S	P	S	1	2	0	0	-	0	0	0	0	0	0	0	3	4	1	1	1	1	4	5		
9	LICENSEE CODE					14	15	LICENSE NUMBER										25	26	LICENSE TYPE				30	57	CAT	58

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

2 With Unit 1 at cold shutdown and defueled, PT-26.1 showed RM-CC-105, 106 alarm setpoints

3 to be greater than twice background. This reduces the sensitivity to transients. This

4 is contrary to Tech. Spec. Table 3, 7-5, and is reportable as per T.S. 6.6.2.b.(1).

5 The health and safety of the public were not affected.

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9	M	C	11	X	12	Z	13	I	N	S	T	R	U	14	X	15	Z	16					
9	SYSTEM CODE		11	CAUSE CODE		12	CAUSE SUBCODE		COMPONENT CODE				15	COMP. SUBCODE		VALVE SUBCODE							
17	8	0	23	0	7	5	27	0	3	L	30	0	32										
21	EVENT YEAR		23	SEQUENTIAL REPORT NO.			27	OCCURRENCE CODE		REPORT TYPE		REVISION NO.											
33	E	Z	19	Z	20	Z	21	0	0	0	0	22	Y	23	N	24	A	25	V	1	1	5	26
33	ACTION TAKEN		35	EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER							

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 With Unit 1 shutdown and defueled, background radiation decreased as shown by PT-26.1.

11 Both RM-CC-105 and RM-CC-106 Setpoints were reset to a value less than twice background.

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5	H	28	0	0	0	29	N/A	30	B	31	Inservice Inspection	32
8	FACILITY STATUS		POWER			OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION		
3	E	Z	33	Z	34	N/A	35	N/A	36	LOCATION OF RELEASE		
8	ACTIVITY		CONTENT		AMOUNT OF ACTIVITY		PERSONNEL EXPOSURES			DESCRIPTION		
11	0	0	0	37	Z	38	N/A	39	PERSONNEL INJURIES			
11	0	0	0	40	DESCRIPTION		LOSS OF OR DAMAGE TO FACILITY					
11	Z	42	DESCRIPTION		PUBLICITY							
11	N	44	DESCRIPTION		NRC USE ONLY							

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ATTACHMENT 1  
SURRY POWER STATION, UNIT 1  
DOCKET NO: 50-280  
REPORT NO: 80-075/03L-0  
EVENT DATE: 12-23-80

TITLE of EVENT: RM-CC-105/106 SETPOINTS OUT OF SPEC.

1. DESCRIPTION of EVENT:

With Unit 1 at cold shutdown and defueled, PT 26.1 showed alarm setpoints to be greater than twice background for RM-CC-106 on 23rd of Dec. and RM-CC-105 on the 29th of Dec. 1980. This is contrary to Tech. Spec. Table 3.7-5 and is reportable as per T.S. 6.6.2.b.(1).

2. PROBABLE CONSEQUENCES and STATUS of REDUNDANT SYSTEMS:

Component cooling water radiation monitors (RM-CC-105/106) provide for the automatic closure of CC surge tank vent valve HCV-CC-100. With the reduced background radiation resulting from Unit 1 defueling, the setpoint of RM-CC-105/106 must be lowered. The setpoints being less conservative than those required by T.S. does not prevent the fulfillment of the functional requirements of this system. Therefore the health and safety of the public were not affected.

3. CAUSE:

This event was due to the decrease in background radiation levels.

4. IMMEDIATE CORRECTIVE ACTION:

Reduce the alarm setpoints to less than twice background by use of procedure CAL-RM-004.

5. SUBSEQUENT CORRECTIVE ACTION:

None required.

6. ACTIONS TAKEN to PREVENT RECURRENCE:

A change to Technical Specifications has been submitted to the NRC (March 15, 1979) addressing 10 CFR 50 Appendix I. As such, references to setpoints for RMCC-105/106 have been eliminated.

7. GENERIC IMPLICATIONS:

None.