

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTROL BLOCK.

01	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
LICENSEE CODE								LICENSE NUMBER												LICENSE TYPE					CAT SE		

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REPORT
SOURCE

REPORT SOURCE IL E 0 5 0 0 0 2 8 0 7 0 17 1 1 8 1 6 0 7 3 1 8 1 9

60 61 DOCKET NUMBER 62 65 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

012 With the unit at intermediate shutdown, liquid waste test tank 1-LW-TK-11B was
013 inadvertently released without being sampled. This is contrary to T.S.3.11.A.4 and
014 reportable per T.S. 6.6.2.b.(2). The control room operator terminated the release
015 when tank 1-LW-TK-11B level was noted to decrease. The monitors in the discharge line
016 were operable during the release. Therefore, the health and safety of the public
017 were not affected.

DIE 1

SYSTEM CODE 0 9		CAUSE CODE M A 11		CAUSE SUBCODE B 13		COMPONENT CODE V A L V E X 14		COMP SUBCODE A 15		VALVE SUBCODE D 16	
LER/RO REPORT NUMBER 17		EVENT YEAR 8 1 21 22		SEQUENTIAL REPORT NO. 0 12 8 24 26		OCCURRENCE CODE 0 3 28 29		REPORT TYPE L 30		REVISION NO. 0 31 32	
ACTION TAKEN X 18 33		FUTURE ACTION H 19 34		EFFECT ON PLANT Z 20 35		SHUTDOWN METHOD Z 21 36		HOURS 0 10 0 0 22 40		ATTACHMENT SUBMITTED Y 23 41	
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27		NPRD FORM SUB N 24 42		PRIME COMP SUPPLIER A 25 43		COMPONENT MANUFACTURER P 0 3 2 25 44 47					

110 Liquid Waste Test Tank 1-LW-TK-11A had been sampled and was ready for release. When
111 performing the necessary valve lineups, the discharge valve for Tank 1-LW-TK-11B was
112 left partially opened, resulting in 1-LW-TK-11B being released. The release was
113 terminated and tank 1-LW-TK-11B was sampled. Based on the sample, the activity
114 released was verified to be within allowable limits.

FACILITY STATUS			% POWER			OTHER STATUS			METHOD OF DISCOVERY			DISCOVERY DESCRIPTION		
1	5	G	0	0	0	N/A			A	Operator Observation				

ACTIVITY		CONTENT		RELEASED		OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE	
1	6	L	(33)	M	(34)	.000458	Cl			Liquid Waste Tank to Discharge canal	(36)

PERSONNEL EXPOSURES										
NUMBER			TYPE	DESCRIPTION						
1	7	0	0	0	37	2	38	N/A		

Handwritten notes: IF 22-17, OK F17

PERSONNEL INJURIES		DESCRIPTION		N/A		8100000000	
NUMBER							
0	0	0	(40)				

BAH
ADD: MCO

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8210150394 810731
PDR ADDCK 05000280
S PDR

[illegible]

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NRC USE ONLY

ATTACHMENT 1 (PAGE 1 of 1)
SURRY POWER STATION, UNIT 1
DOCKET NO: 50-280
REPORT NO: 81-028/03L-0
EVENT DATE: 07-11-81

TITLE OF EVENT: RELEASE OF UNSAMPLED LIQUID WASTE

1. DESCRIPTION OF EVENT:

With the unit at intermediate shutdown, liquid waste test tank 1-LW-TK-11B was inadvertently released without being sampled. This is contrary to T.S.-3.11.A.4 and reportable per T.S.-6.6.2.b.(2).

2. PROBABLE CONSEQUENCES AND STATUS OF REDUNDANT EQUIPMENT:

The actual release rate was less than the maximum specified by health physics for the planned release. In addition, the discharge tunnel and liquid waste (effluent) radiation monitors were operating during the entire release; therefore, the health and safety of the public were not affected.

3. CAUSE OF THE EVENT:

Liquid Waste Test Tank 1-LW-TK-11A had been sampled and was ready for release. When performing the necessary valve lineups for the planned release, the discharge valve from 1-LW-TK-11B was not fully closed. This resulted in some liquid waste from tank 1-LW-TK-11B being released.

4. IMMEDIATE CORRECTIVE ACTION:

The release was terminated by the operator when 1-LW-TK-11B level was noted to decrease. The discharge valve from tank 1-LW-TK-11B was closed.

5. SUBSEQUENT CORRECTIVE ACTION:

Tank 1-LW-TK-11B was sampled. Based on the sample, the amount of activity released was verified to be within allowable limits.

6. ACTION TAKEN TO PREVENT RECURRENCE:

Operators have been re-instructed to ensure proper valve lineups are performed prior to commencing liquid waste releases.

7. GENERIC IMPLICATIONS:

None.