

## (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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CONT

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REPORT SOURCE

L	6	0	5	0	0	0	2	8	0	7	0	17	0	2	8	3	8	0	18	0	1	8	3	9
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60 61 DOCKET NUMBER 66 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

08 \_\_\_\_\_

SYSTEM CODE A B		CAUSE CODE A		CAUSE SUBCODE B		COMPONENT CODE V E S S E L				COMP. SUBCODE X		VALVE SUBCODE Z					
11		12		13		14				15		16					
EVENT YEAR 8 3		SEQUENTIAL REPORT NO. 0 2 8		OCCURRENCE CODE 0 3		REPORT TYPE L		REVISION NO. 0									
21		22		23		24		25		26							
ACTION TAKEN X		FUTURE ACTION Z		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED Y		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER Z		COMPONENT MANUFACTURER Z Z Z Z	
33		34		35		36		37		38		39		40		41	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1	4	
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FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION		
1	5	E	28	1	0	0	29	A	31	Operator Walkdown
ACTIVITY CONTENT		AMOUNT OF ACTIVITY		LOCATION OF RELEASE						
1	6	Z	33	Z	34	N/A	35	N/A	36	
PERSONNEL EXPOSURES		TYPE		DESCRIPTION						
1	7	0	0	0	37	Z	38	N/A		
PERSONNEL INJURIES		TYPE		DESCRIPTION						
1	8	0	0	0	40			N/A		
LOSS OF OR DAMAGE TO FACILITY		TYPE		DESCRIPTION						
1	9	Z	42			N/A				
PUBLICITY		ISSUED		DESCRIPTION						
2	0	N	44	8308120117 830801		PDR ADOCK 05000280		NRC USE ONLY		
				S		PDR				

PU-115 (804) 357-3184

ATTACHMENT 1

SURRY POWER STATION, UNIT NO. 1

DOCKET NO: 50-280

REPORT NO: 83-028/03L-0

EVENT DATE: 07-02-83

TITLE OF THE EVENT: LOW PRESSURE CARDOX TANK LOW LEVEL

1. Description of the Event

With the unit at full power, operations personnel performing a walkdown of the Unit 2 Turbine Building discovered that the level in the Low Pressure CO<sub>2</sub> Storage Tank had dropped below the minimum level of 75%. This event is contrary to Technical Specification 3.21.D.1 and is reportable in accordance with Tech. Spec. 6.6.2.b.(2).

2. Probable Consequences and Status of Redundant Equipment

Operability of the Low Pressure Cardox System ensures that adequate warning and fire suppression capability are available for the prompt detection and suppression of fires in order to reduce the potential for damage to safety related equipment.

With the low tank level, some CO<sub>2</sub> would have been discharged to the area experiencing a fire. When the system was discovered inoperable, fire watches with back up fire suppression equipment were immediately established and maintained until the system was returned to service. Therefore, the health and safety of the public would not have been affected.

3. Cause

The Cardox Tank was being used as a supply of CO<sub>2</sub> to purge the Unit 2 Main Generator of hydrogen. The operator assigned to complete this task did not monitor the purge and allowed the tank level to drop below the minimum required level.

4. Immediate Corrective Action

When the low tank level was discovered, fire watches with back up fire suppression equipment were immediately established as required by Tech. Spec. 3.21.D.3.(a).

5. Subsequent Corrective Action

The Cardox tank was filled, thereby restoring the system to operable status, within the time interval specified in Tech. Spec. 3.21.D.3.(b).

6. Action Taken to Prevent Recurrence

The generator purge procedure will be updated to include a precaution that emphasizes the importance of maintaining the Tech. Spec. minimum level in the CO<sub>2</sub> storage tank.

7. Generic Implications

None.