

NRC Form 366
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) SURRY POWER STATION, UNIT 2	DOCKET NUMBER (2) 0 5 0 0 0 2 8 1	PAGE (3) 1 OF 0 3
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TITLE (4)
MOV Breakers Not Locked

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)
0 3	2 0	8 4	8 4	0 0 7	0 0	0 4	0 5	8 4			0 5 0 0 0
											0 5 0 0 0

OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)									
POWER LEVEL (10) 0 0 0		20.402(b)		20.405(c)		50.73(a)(2)(iv)		73.71(b)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)		
		20.405(a)(1)(i)		50.36(c)(1)		50.73(a)(2)(v)		73.71(c)			
		20.405(a)(1)(ii)		50.36(c)(2)		50.73(a)(2)(vi)					
		20.405(a)(1)(iii)	<input checked="" type="checkbox"/>	50.73(a)(2)(i)		50.73(a)(2)(viii)(A)					
		20.405(a)(1)(iv)		50.73(a)(2)(ii)		50.73(a)(2)(viii)(B)					
		20.405(a)(1)(v)		50.73(a)(2)(iii)		50.73(a)(2)(x)					

LICENSEE CONTACT FOR THIS LER (12)									
NAME J. L. Wilson, Manager							TELEPHONE NUMBER		
							AREA CODE 8 0 4		
							3 5 7 1 - 3 1 8 4		

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)										
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	

SUPPLEMENTAL REPORT EXPECTED (14)		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)	<input checked="" type="checkbox"/> NO				

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

The unit was at cold shutdown and drained to mid nozzle with the primary system temperature and pressure at 150°F and atmospheric. The breakers for the accumulator discharge valves are required to be locked open with the valves closed when both pressurizer PORV's are inoperable. Due to an inadequate review of the Technical Specification, these breakers were open but not locked.

Locks were placed on the breakers.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
SURRY POWER STATION, UNIT 2	0 5 0 0 0 2 8 1	8 4	— 0 0	7 — 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

1.0 Description of the Event

On 3-20-84, unit 2 was at cold shutdown and drained to mid nozzle with the primary system temperature at 150°F and pressure was atmospheric. Technical Specification 3.1.G.2.b.4 requires the breakers (EIIS No. BKR) for MOV-SI-2865 A, B, and C (Accumulator Discharge Valves) to be locked open with the valves shut when both pressurizer PORV's (EIIS No. RV) are inoperable. At 0833, after the PORV's had been isolated for maintenance approximately 10.5 hours earlier, it was discovered that MOV-SI-2865 A, B, and C were closed and their breakers were open but not locked.

2.0 Probable Consequences and Status of Redundant Equipment

The accumulator discharge valves are to be closed with the breakers locked open to prevent a possible overpressure incident from an accumulator discharge. The MOV breakers were de-energized and the key switch for each valve was in defeat (Valve will not cycle even with power available) therefore, an unreviewed safety question was not created and the public's health and safety were unaffected.

3.0 Cause

The cause of this event was inadequate review of the Technical Specification prior to removing equipment from service.

4.0 Immediate Corrective Action

Administrative locks were placed on the valve breakers.

5.0 Additional Corrective Action

None.

6.0 Action Taken to Prevent Recurrence

This is a random event and no further actions are required, however to eliminate any possibility of recurrence, the unit shutdown procedure (OP-3.2) will be changed so that the accumulator discharge MOV's breakers will be locked open.

7.0 Generic Implications

None.