

LICENSEE EVALUATION REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

1	M	D	C	C	H	Z	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	1	4			5
8	9					14		15											19	20									30
LICENSEE CODE							LICENSE NUMBER												LICENSE TYPE							ST CAT			

CONT

0 1 8
REPORT SOURCE L 6 0 5 0 0 0 3 1 8 7 0 3 0 4 2 1 8 0 4 0 3 8 1 9
60 61 DOCKET NUMBER 68 69 EVEN, DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During Node 5 operations at 1620 while installing instrumentation, a
0 3 | temporary shunt opened, causing a momentary loss of shutdown cooling
0 4 | flow, a degradation of the requirements of T.O. 3.4.1. When the shunt
0 5 | was energized, it opened, causing a loss of power to #22 LPSI Pump.
0 6 | #21 LPSI Pump was started one minute later, thereby restoring shutdown
0 7 | cooling flow. This event had no impact on the public health or safety.
0 8 | This is a non-repetitive event.

09		SYSTEM CODE Z 11		CAUSE CODE E 12		CAUSE SUBCODE A 13		COMPONENT CODE Z Z Z Z Z 14				COMP SUBCODE 19 15		VALVE SUBCODE Z 20			
17		LER RO REPORT NUMBER 8 1		EVENT YEAR 21 22		SEQUENTIAL REPORT NO. 0 1 3		OCCURRENCE CODE 0 3		REPORT TYPE L		REVISION NO. 0					
ACTION TAKEN B 18		FUTURE ACTION Z 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 22		ATTACHMENT SUBMITTED Y 23		NPRO-4 FORM SUB N 24		PRIME COMP. SUPPLIER L 25		COMPONENT MANUFACTURER Z 9 9 9 26	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The shunt assembly had been pre-wired for test purposes: monitoring
1 1 load changes in the feed to Channel "B" Engineered Safety Features
1 2 Actuation cabinet. When the assembly's make-before-break switch was
1 3 operated, a lead on one end of the shunt opened. The shunt was removed
1 4 from the circuit, reconnected, and the test continued satisfactorily.

8 9 FACILITY STATUS (28) 0 0 0 (29) OTHER STATUS (30) NA METHOD OF DISCOVERY (31) A Operator Observation DISCOVERY DESCRIPTION: (32)

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1 6 Z (33) NA 44

2 8 9 10 11 45 46

PERSONNEL EXPOSURES

NUMBER		TYPE	DESCRIPTION
1	7	000	NA

PERSONNEL INJURIES		NUMBER		DESCRIPTION (41)	
1	2	0	0	0	NA

LOSS OF OR DAMAGE TO FACILITY (43)
TYPE DESCRIPTION
1 9 Z (42) NA

TO
 PUBLICITY
 ISSUED DESCRIPTION (45)
 (2) (0) (N) (64) NA
 NPC USE ONLY

R. L. Wenderlich/P.G. Rizzo

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LER NO. 81-13
DOCKET NO. 50-318
LICENSE NO. DPR-69
EVENT DATE 03-04-81
REPORT DATE 04-03-81
ATTACHMENT

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D)

The shunt assembly, a non-commercial device assembled by Licensee's Metering Test Shop, is a general use test device. It was being used to monitor current supplied to Channel "B" Engineered Safety Features Actuation Cabinet during a routine Emergency Diesel Generator load sequencing surveillance test. The assembly consisted of a bracket, the shunt, connection terminals, and a make-before-break switch for inserting the shunt during the appropriate time for current measurement. The shunt assembly had earlier been wired into one lead of the Cabinet feed from Vital Inverter No. 22.

When the surveillance test preparations were being made, the shunt switch was thrown and a lead connected to the shunt pulled free of the shunt termination, causing loss of power to the affected cabinet and the resulting spurious actuations.

The shunt switch was repositioned and the fault repaired. The test continued satisfactorily. At the conclusion of testing, the shunt, along with other test devices, was removed and all circuits were restored to their normal state.

The nature of the device requires that installation be for test purposes only. Standard metering practice ensures that immediately prior to its use its installation be checked and its value is verified by electrical measurements so that recording and readout instrumentation is properly ranged. These steps were taken prior to the event described.

As a preventive measure, test personnel will be instructed in the circumstances of this event and cautioned to ensure the integrity of test equipment installations during all tests at Calvert Cliffs.