

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Calvert Cliffs, Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 3 1 1 7 1 OF 0 2									
TITLE (4) All 125 VDC batteries out of service simultaneously due to failure to meet required Surveillance Test interval.																			
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 8	2 9	8 4	8 4	0 1 0	0 0	0 9	2 7	8 4	Calvert Cliffs, Unit 2					0 5 0 0 0 3 1 1 8					
OPERATING MODE (9) 3			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(e)				60.73(a)(2)(iv)				73.71(b)				
			20.405(a)(1)(i)				60.36(e)(1)				60.73(a)(2)(v)				73.71(e)				
			20.405(a)(1)(ii)				60.36(e)(2)				60.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)				
			20.405(a)(1)(iii)				60.73(a)(2)(i)				60.73(a)(2)(viii)(A)								
			20.405(a)(1)(iv)				60.73(a)(2)(ii)				60.73(a)(2)(viii)(B)								
			20.405(a)(1)(v)				60.73(a)(2)(iii)				60.73(a)(2)(ix)								
LICENSEE CONTACT FOR THIS LER (12)																			
NAME Randolph Androsik										TELEPHONE NUMBER 3 0 1 2 6 0 - 4 3 1 2									
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																			
CAUSE	SYSTEM	COMPONENT	MANUFAC- TURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFAC- TURER	REPORTABLE TO NPRDS									
A	E J B T R Y	X	9 9 9	N															
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)					MONTH	DAY	YEAR		
YES (If yes, complete EXPECTED SUBMISSION DATE)										X NO									

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

On August 29, 1984, the Electric and Controls Surveillance Test Coordinator became aware of the failure to perform quarterly surveillance testing on the Plant's 125 VDC Batteries within the specified time interval. This failure resulted in the declaration of inoperability of all 125 VDC Batteries. The required testing was immediately performed with satisfactory results. All 125 VDC Batteries would have performed their design function, consequently, there were no safety consequences or implications from this event.

To prevent recurrence of this error the Electric and Controls Surveillance Test Coordinator involved has been counseled, other Surveillance Test Coordinators will be informed of this event, an automated Surveillance Test scheduling system is to be developed and improvements in scheduling long interval surveillances will be investigated.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104
EXPIRES 8/31/85

FACILITY NAME (1) Calvert Cliffs Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 3 1 7	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 4	- 0 1 0	- 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 365A's) (17)

On August 29, 1984, with Unit 1 in Mode 3 (0% Power), Unit 2 in Mode 1 (100% Power), the Surveillance Test Coordinator became aware of the failure to perform quarterly surveillance testing on the Plant's 125 VDC Batteries (BTRY) within the specified time interval with "The combined time interval for any 3 consecutive surveillance intervals not to exceed 3.25 times the specified surveillance interval." (T.S. 4.0.2.b). The surveillance testing did, however, meet the requirement to "...not exceed 25 percent of the surveillance interval..."); the normal surveillance interval being every three months (every 92 days). The required testing was immediately performed with satisfactory results. All 125 VDC batteries would have performed their design function, consequently there were no safety consequences or implications from this event.

Quarterly surveillance testing on the batteries is performed utilizing approved Surveillance Test Procedures. In their present form, the procedures were approved on Jan. 6, 1984; latest version (Revision 1) was approved on Feb. 4, 1984. Prior to Jan. 6, 1984, only one procedure existed to perform surveillance testing on the batteries for both Units. On Jan. 6, 1984, the procedure was revised and separated into two procedures, one covering Unit 1 and the other covering Unit 2. When these procedures were performed in January, the completion dates were recorded as the initial performance. When these tests were required to be performed again, the scheduled test date was determined based on the January completion date only and not on any prior testing. The error was discovered while formulating the most recent surveillance test schedule.

A tabulation of the 1984 Battery testing follows:

Battery	Date Completed	125% Tech Spec Cutoff Date	Tolerance to Cutoff Date	325% Tech Spec Cutoff Date	Tolerance to Cutoff Date
01,11,12	1/20/84	2-4-84	+15	2-14-84	+25
21,22	1/19/84	2-4-84	+16	2-14-84	+26
01,11,12	5/8/84	5-15-84	+7	4-29-84	-9
21,22	5/7/84	5-14-84	+7	4-29-84	-8
01,11,12	8/29/84	8-31-84	+2	8-6-84	-23
21,22	8/29/84	8-30-84	+1	8-6-84	-23

This error is reportable since all 125 VDC Batteries were out of service simultaneously due to failure to meet required surveillance testing.

To prevent recurrence of this error the following actions have been or will be taken:

1. The Surveillance Test Coordinator for the Electrical and Controls Section has been counseled regarding this error.
2. The circumstances of this event will be reviewed with other Surveillance Test Coordinators.
3. The Automated Nuclear Maintenance System scheduled for Phase 1 implementation in January, 1985, has provisions for Preventive Maintenance and Surveillance Test scheduling under Phase 3 of its implementation.
4. Improvements in scheduling long interval surveillances (greater than one month intervals) are being investigated.

BALTIMORE GAS AND ELECTRIC COMPANY

P.O. BOX 1475

BALTIMORE, MARYLAND 21203

NUCLEAR POWER DEPARTMENT
CALVERT CLIFFS NUCLEAR POWER PLANT
LUSBY, MARYLAND 20657

September 27, 1984

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Docket No. 50-317
License No. DPR 53

Dear Sirs:

The attached LER 84-10 is being sent to you as required by
10 CFR 50.73.

Should you have any questions regarding this report, we would be
pleased to discuss them with you.

Very truly yours,

LBR

L. B. Russell
Plant Superintendent

R.A.
LBR:RA:mdh

cc: Dr. Thomas E. Murley
Director, Office of Management Information
and Program Control
Messrs: A. E. Lundvall, Jr.
J. A. Ternan

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