BALTIMORE GAS AND ELECTRIC

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

December 28, 1989

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 89-19, Revision 0, is being sent to you as required under 10 CFR 50.73 guidelines.

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

Very truly yours,

L B Russell

L. B. Russell
Manager-Calvert Cliffs Nuclear Power Plant Department

JMO:sb

cc: William T. Russell
Director, Office of Management Information
and Program Control
Messrs: G. C. Creel
C. H. Cruse
R. E. Denton
J. R. Lemons

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NRC Form 366
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/88

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
Calvert Cliffs, Unit 1	0 5 0 0 0 3 1 7	1 OF 1

TITLE (4)
Unimplemented Requirement to Lock the HPSI Discharge Header Isolation Valves Shut Results in Operations Outside the Low Temperature Overpressure Protection Design Basis

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)
									Calvert Cliffs, Unit 2	0 5 0 0 0 3 1 8
1 1	2 8	8 9	8 9	— 0 1 9	— 0 0	1 2	2 8	8 9	N A	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)			
5		20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10)		20.405(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.71(c)
0 0 0		20.405(a)(1)(ii)	50.36(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
		20.405(a)(1)(iii)	50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	
		20.405(a)(1)(iv)	X 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	TELEPHONE NUMBER
P. S. Furio-Licensing Engineer	AREA CODE 3 0 1 — 2 6 0 — 4 3 7 4

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	

SUPPLEMENTAL REPORT EXPECTED (14)		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
X YES (If yes, complete EXPECTED SUBMISSION DATE)	NO		0 1	3 1	9 0

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

At 1155 on November 28, 1989, a condition was discovered at Calvert Cliffs Units 1 and 2 which did not satisfy the plant design basis established in the Low Temperature Overpressure Protection (LTOP) Safety Evaluation Report (SER). It was determined that the High Pressure Safety Injection (HPSI) Discharge Header Isolation Valves had not been locked shut during previous operations when the reactor coolant system (RCS) was in a water solid condition. At the time of discovery, Unit 1 was in cold shutdown with the RCS partially drained, and at atmospheric pressure and 111°F. The Unit 2 reactor was defueled, with the RCS partially drained, the vessel head installed (detensioned), and the RCS at atmospheric pressure and 79°F.

Interim corrective actions have been implemented. Prior to our entry into a water solid condition, we revised the operating procedures to require that the HPSI header isolation valves be closed, de-energized and tagged when the RCS temperature is below 200°F. Currently, Unit 1 is in MODE 5 (< 200°F) and will remain in MODE 5 until all LTOP commitments are identified and resolved as applicable. Unit 2 is defueled and will not enter a water solid condition, with fuel, until the applicable LTOP issues are resolved. All other information required by 10 CFR 50.73 will be provided in a supplemental LER when our investigation into LTOP commitments is completed.