

BALTIMORE GAS AND ELECTRIC COMPANY

P.O. BOX 1478
BALTIMORE, MARYLAND 21203

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

January 20, 1981

Mr. Boyce H. Grier, Director
Office of Inspection & Enforcement
U.S. Nuclear Regulatory Commission
Region 1
631 Park Avenue
King of Prussia, PA 19406

SUBJECT: Docket No. 50-318; LER 81-05

This is to confirm our verbal notification to your Mr. Ralph Architzel of an inadvertent opening of power operated relief valve RC-404-ERV. This report is being made in accordance with I&E Inspection Report 317-79-23.

At 0647 on 1-18-81 with the Reactor Coolant System (RCS) at 220°F and 230 psia during a cooldown for a scheduled refueling outage, pressure indicating controller PIC-103-1 failed high causing RC-404-ERV to open. PIC-103-1 monitors pressurizer pressure and provides a signal to open RC-404-ERV at 430±16 psia when the RCS is below 275°F. When the valve opened the operator received "PORV/Safety Valve Acoustic Monitor" and "PORV Energized" alarms. After acknowledging the alarms, the operator noted that RC-404-ERV was open and shut power relief isolation RC-405-40V terminating the discharge. RC-404-ERV was open less than one minute and RCS pressure decreased approximately six psi. The redundant over pressure protection system remained operable during the event.

A complete description of the cause and corrective action will be contained in the follow-up report.

[Signature]
for Plant Superintendent
Calvert Cliffs Nuclear Power Plant

LBR:SID:mr

cc: L.B. Russell
Director, Office of Management Information
and Program Control
Messrs: J.A. Tiernan
R.H. Douglass
R.E. Architzel



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1/0

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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59

LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 58

CON'T

REPORT SOURCE 01 60 61 05 00 03 18 68 69 70 11 88 1 74 75 80 01 20 81 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0	2	
0	3	
0	4	
0	5	
0	6	
0	7	
0	8	

09		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE	
7	8	9	10	11	12	12	13	13	14	15	16	17	18	19	20
LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.					
21	22	23	24	25	26	27	28	29	30	31	32				
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED					
33	34	35	36	37	38	39	40	41	42	43	44				
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS															

1	0	
1	1	
1	2	
1	3	
1	4	

7 8 9
FACILITY STATUS (28) % POWER (29) OTHER STATUS (30) METHOD OF DISCOVERY (31) DISCOVERY DESCRIPTION (32)

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 33 34

AMOUNT OF ACTIVITY (35)

LOCATION OF RELEASE (36)

PERSONNEL EXPOSURES		TYPE		DESCRIPTION
NUMBER				
1	7	37	38	

PERSONNEL INJURIES	
NUMBER	DESCRIPTION
1	40

7		8	9	11		12
		LOSS OF OR DAMAGE TO FACILITY				
TYPE		DESCRIPTION		(43)		
1	9		(42)			

7	8	9	10											30
ISSUED			PUBLICATION DESCRIPTION		NRC USE ONLY									
2	0	44												

NAME OF PREPARER _____

PHONE: _____