

POR

# BALTIMORE GAS AND ELECTRIC COMPANY

P.O. BOX 1476  
BALTIMORE, MARYLAND 21203

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

January 20, 1981

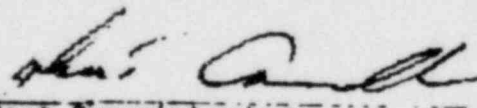
Mr. Boyce H. Grier, Director  
Office of Inspection & Enforcement  
U.S. Nuclear Regulatory Commission  
Region 1  
631 Park Avenue  
King of Prussia, PA 19406

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 0847 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 indication 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-MOV 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.

  
for Plant Superintendent  
Calvert Cliffs Nuclear Power Plant

LBR:SID:mmr

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

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## (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

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CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

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| 1 | 4 |
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| TYPE |   | DESCRIPTION |
|------|---|-------------|
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7 8 9 10 PUBLICITY (45) NRC USE ONLY

| ISSUED |   | DESCRIPTION |  |  |  |  |  |  |  |  |  |  |
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| 2      | 0 | 44          |  |  |  |  |  |  |  |  |  |  |

PHONE: \_\_\_\_\_