

CONTROL BLOCK: [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 MDC CN 1 00-000000-000 41111 01  
7 8 9 14 15 25 26 30 37 CAT 56

01 REPORT SOURCE L 05000317 061883 012684  
7 8 40 41 49 50 59 60 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

02 During steady state operation at 83% power, reed switch position indi-  
03 cation (RSPI) was lost for all control element assemblies (CEA)(T.S.  
04 3.1.3.3). Action taken to place reactor in Mode 3 per T.S.3.0.3. Trouble  
05 shooting indicated a short on CEA 56 reed stack. Leads to CEA 56 were  
06 lifted, restoring proper indication on the other reed stack channels. All  
07 CEA pulse counting position channels and upper electrical limit switches  
08 remained operable throughout event. Similar events: 83-08, 50-318/82-22.

09 R B B I N S T R U S Z  
7 8 9 10 11 12 13 14 15 16  
17 LER/RO REPORT NUMBER 83 036 01 X 1  
21 22 23 24 25 26 27 28 29 30 31 32  
18 Z B A 0000 Y Y N E 146  
33 34 35 36 37 38 39 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

10 The RSPI power supply was overloaded when CEA 56's reed stack position  
11 transmitter (RSPT)(Electro-Mechanics, Part#N9027,Rev.1) shorted. The CMI  
12 feature was retained via a temporary modification until the RSPT was re-  
13 placed during the unit's refueling outage. The failed RSPT was repaired  
14 following the vendor's root cause inspection.

15 E 083 N/A A Operator Observation  
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

16 Z Z N/A N/A  
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

17 0000 Z N/A  
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

18 0000 N/A  
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

19 Z N/A  
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

20 N N/A  
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

8402080353 840126  
PDR ADOCK 05000317  
S PDR

LER NO. 83-36/1X, Revision 1  
DOCKET NO. 50-317  
LICENSE NO. DPR 55  
EVENT DATE 06-18-83  
REPORT DATE 01-26-84  
ATTACHMENT

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D)

The RPSI power supply was overloaded when CEA 56's reed stack position transmitter (RSPT)(Electro-Mechanics, Part#N9027, Rev. 1) electrically shorted. The CMI feature was retained via a temporary modification.

During the unit's refueling outage, all installed RSPTs were removed, and together with the spare RSPTs, were sent to the vendor for inspection and repair. The inspection found that CEA 56's RSPT exhibited chafed and burnt insulation areas. These areas were repaired by sleeving with an approved heat shrinkable tubing. In addition, all wiring between the potted terminal strip and the box mounted receptacle of all RSPTs was sleeved in a similar manner. Two independent tests were conducted with satisfactory results; one locally by the vendor prior to shipment and the other on site to ascertain no damage occurred during return shipment. All RSPT positions have been filled with the repaired RSPTs and are functioning properly. No further actions are deemed necessary.

# BALTIMORE GAS AND ELECTRIC COMPANY

P.O. BOX 1475

BALTIMORE, MARYLAND 21203

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

January 26, 1984

Dr. Thomas E. Murley  
Regional Administrative  
U. S. Nuclear Regulatory Commission  
Region 1  
631 Park Avenue  
King of Prussia, PA 19406

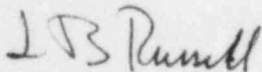
Docket No. 50-317  
License No. DPR 53

Dear Dr. Murley:

Attached is LER 83-36/1X, Revision 1, as required per Technical Specification 6.9.

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

Very truly yours,



L. B. Russell  
Plant Superintendent

LBR:JWR:bsb

cc: Director, Office of Management Information  
and Program Control  
Messrs: A. E. Lundvall, Jr.  
J. A. Tiernan

FE22  
1/