UPDATE REPORT
PREVIOUS REPORT DATE: 07-01-83

NRC FORM 366 (12-81) | U.S. NUCLEAR REGULATORY COMMISSION | APPROVED BY OMB 3130-0011 EXPIRES 4-30-82

LICENSEE EVENT REPORT

CONTROL BLOCK: [1] (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | MDCCN1 (2) | 00-00000-00 (3) | 41111 (4) | (5)
LICENSEE CODE | LICENSE NUMBER | LICENSE TYPE | CAT

CON'T
01 | REPORT SOURCE L (6) | 05000317 (7) | 061883 (8) | 012684 (9)
DOCKET NUMBER | EVENT DATE | REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

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 | SYSTEM CODE RB (11) | CAUSE CODE B (12) | CAUSE SUBCODE B (13) | COMPONENT CODE INSTRU (14) | COMP. SUBCODE S (15) | VALVE SUBCODE Z (16)

LER/RO REPORT NUMBER (17): EVENT YEAR 83 | SEQUENTIAL REPORT NO. 036 | OCCURRENCE CODE 01 | REPORT TYPE X | REVISION NO. 1

ACTION TAKEN B (18) | FUTURE ACTION Z (19) | EFFECT ON PLANT B (20) | SHUTDOWN METHOD A (21) | HOURS 0000 (22) | ATTACHMENT SUBMITTED Y (23) | NPRD-4 FORM SUB. Y (24) | PRIME COMP. SUPPLIER N (25) | COMPONENT MANUFACTURER E146 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

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 | FACILITY STATUS E (28) | % POWER 083 (29) | OTHER STATUS N/A (30) | METHOD OF DISCOVERY A (31) | DISCOVERY DESCRIPTION (32) Operator Observation

16 | ACTIVITY RELEASED Z (33) | CONTENT OF RELEASE Z (34) | AMOUNT OF ACTIVITY (35) N/A | LOCATION OF RELEASE (36) N/A

17 | PERSONNEL EXPOSURES NUMBER 000 (37) | TYPE Z (38) | DESCRIPTION (39) N/A

18 | PERSONNEL INJURIES NUMBER 000 (40) | DESCRIPTION (41) N/A

8402080353 840126
PDR ADOCK 05000317
S PDR

19 | LOSS OF OR DAMAGE TO FACILITY TYPE Z (42) | DESCRIPTION N/A

20 | PUBLICITY ISSUED N (44) | DESCRIPTION (45) N/A

NRC USE ONLY

NAME OF PREPARER P. A. Pieringer/J. W. Raynor PHONE: (301) 269-4742/4713

LER NO. 83-36/1X, Revision 1
DOCKET NO. 50-317
LICENSE NO. DPR 5?
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

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

IE22
1/1