

CONTROL BLOCK: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)01 MDC CN 2 2 0 0 - 0 0 0 0 0 - 0 0 0 3 4 1 1 1 1 4 5  
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 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

CON'T

01 REPORT SOURCE L 6 0 5 0 0 0 3 1 8 7 0 6 1 1 8 3 8 0 7 0 8 8 3 9  
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 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During normal power operation, while performing surveillance testing on

03 Main Steam Isolation Valves (MSIVs), Tc increased to 554.8°F, exceeding

04 the 548°F limit of T.S. 3.2.5. When a partial stroke surveillance test

05 was being conducted on No. 21 MSIV, the valve failed to stop at the 10%

06 shut position. When this condition was discovered, the valve was immedi-

07 ately reopened. Tc was restored to less than 548°F at 0225.

08 Similar events: none.

09 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE  
C D 11 E 12 A 13 C K T B R K 14 E 15 Z 16

17 LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.  
8 3 1 0 3 2 0 3 L 0

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NRPD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER  
E 18 X 19 Z 20 Z 21 0 0 0 0 0 Y 23 N 24 N 25 N 0 0 0 7

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Investigation revealed improper limit switch arm position to have appar-

11 ently caused 21 MSIV failing to stop at the 10% limit. The switch arm

12 was adjusted. The surveillance test has been revised to require operator

13 observation of MSIV motion during testing. The limit switch level arm

14 design is being investigated to ensure proper application.

15 FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)  
E 28 1 0 0 29 N/A A 31 Operator Observation

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

17 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION (39)  
0 0 0 37 Z 38 N/A

18 PERSONNEL INJURIES NUMBER DESCRIPTION (41)  
0 0 0 40 N/A

19 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION (43)  
Z 42 N/A

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

NAME OF PREPARER R. L. Wenderlich/L. F. Basso

PHONE: 301-269-4776/4933

LER NO. 83-32/3L  
DOCKET NO. 50-318  
LICENSE NO. DPR 69  
EVENT DATE 06-11-83  
REPORT DATE 07-08-83  
ATTACHMENT

CAUSE DESCRIPTION AND CORRECTION ACTIONS (CONT'D)

Apparent cause of the #21 MSIV failing to stop at the 10% limit was the improper position of the limit switch arm that stops valve travel. This arm was found to be just barely making contact with the collar on the valve stem. The arm was adjusted so as to ensure limit switch operation.

To prevent recurrence, the MSIV partial stroke surveillance test has been changed to require that the operator stationed in the MSIV room, as required by the STP, during testing, observes limit switch operation and a cautionary note has been added to remind the control room operator to closely monitor critical plant parameters during valve movement.

The limit switch arm design is being investigated to ensure proper application.

# BALTIMORE GAS AND ELECTRIC COMPANY

P.O. BOX 1475

BALTIMORE, MARYLAND 21203

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

July 8, 1983

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

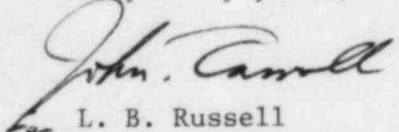
Docket No. 50-318  
License No. DPR 69

Dear Dr. Murley:

Attached is LER 83-32/3L, as required by Technical Specification 6.9.

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

Very truly yours,

  
L. B. Russell  
Plant Superintendent

LBR:LFB:bsb

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

IE2  
1/1