

NRC FORM 366 (12-81)		U.S. NUCLEAR REGULATORY COMMISSION <b>LICENSEE EVENT REPORT</b>										APPROVED BY OMB 3150-0011 EXPIRES 4-30-82	
CONTROL BLOCK:		(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)											
01		M D C C N 1 0 0 - 0 0 0 0 0 - 0 0										03 4 1 1 1 1 04 05	
7 8		14 15 25 26 30 37 CAT 58											
CONT													
01		L 0 5 0 0 0 3 1 7 0 7 1 7 8 2 0 9 2 1 8 3										09	
7 8		60 61 69 74 75 80											
EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)													
02		During normal operation at 0015, found 11B Safety Injection Tank (SIT)											
03		narrow range (NR) level at 192" but wide range indicator read 180". Tech											
04		Spec limit is 187". There was no major alarm annunciated. NR level in-											
05		dicator sigma alarm light was not observed for status prior to event.											
06		During investigation NR indication dropped offscale (MIN-184") rendering											
07		tank inoperable (T.S. 3.5.1.b). Water added, normal level achieved at											
08		0108, terminating event. Similar events: None.											
09		S F 11 D 12 Z 13 I N S T R U 14 I 15 Z 16											
7 8		9 10 11 12 13 14 15 16											
17		EVENT YEAR 8 2 0 3 5 0 1 X 1											
7 8		21 22 23 24 25 26 27 28 29 30 31 32											
ACTION TAKEN		FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER											
X 18 X 19 Z 20 Z 21 0 0 0 0 Y 23 N 24 A 25 S 1 8 5		33 34 35 36 37 38 39 40 41 42 43 44 45 46 47											
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)													
10		NR indicator found sticking; it was replaced. Procedures required only											
11		log NR SIT level. Procedures revised so both NR and wide range levels											
12		logged. Major low level alarm circuit repaired. To make operators more											
13		aware of significance of sigma alarms, this report is required reading											
14		by all licensed operators. No additional action required.											
15		E 28 0 9 7 29 NA A 31 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											
16		Z 33 Z 34 NA NA											
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											
17		PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 0 0 0 37 Z 38 NA											
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											
18		PERSONNEL INJURIES NUMBER DESCRIPTION 0 0 0 40 NA											
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											
19		LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION Z 42 NA											
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											
20		PUBLICITY ISSUED DESCRIPTION N 44 NA											
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											
<div style="display: flex; justify-content: space-between;"> <div>NAME OF PREPARER <u>R. Androsik</u></div> <div>PHONE: <u>301-269-4986</u></div> </div>													

IF22

LER NO. 82-35  
DOCKET NO. 50-317  
LICENSE NO. DPR-53  
EVENT DATE 07-17-82  
REPORT DATE 09-21-83  
ATTACHMENT

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (CONT'D)

During normal operation at 0015 July 17, 1982, a control room operator found that the 11B Safety Injection Tank (SIT) narrow range level indication was 192" but the wide range indicator read 180". Tech Spec limit is 187". The narrow range indicator (Sigma type) did have a low level alarm (190" setpoint) light lit on the faceplate, however, the Sigma low level alarm light was not observed for status prior to the event. In addition, the normal level alarm status annunciator window on Panel 1C09 (Window H-3) was not illuminated.

While investigating the narrow range level indicator discrepancy (tapping on the indicator's window), the narrow range indication decreased below the minimum scale reading of 184", rendering the tank inoperable (T.S. 3.5.1.b). Water was added to the tank and minimum level achieved at 0108, terminating the event. There have been no similar events.

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D)

The narrow range indicator was found sticking due to dirt and was replaced. Procedures required operators to log only narrow range SIT level. Procedures have been revised so operators log both wide range and narrow range level and will take action if either or both of these values are out of specification.

In addition to the level indicator discrepancy, it was also determined that the low level alarm did not activate. This alarm circuit has been repaired and now functions normally.

With regard to the Sigma alarms, in order to make operators more aware of the significance of Sigma alarms, this report is required reading for all licensed operators.

# BALTIMORE GAS AND ELECTRIC COMPANY

P.O. BOX 1475

BALTIMORE, MARYLAND 21203

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

September 21, 1983

Dr. Thomas E. Murley  
Regional Administrator  
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,

In accordance with Technical Specification 6.9.1.9.b, please find the attached update report for LER 82-35/IX.

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

Very truly yours,

*John Russell*  
For L.B. Russell  
Plant Superintendent

LBR:RA:jcs  
att:

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

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