

APPROVED BY OMB
3150-0011
EXPIRES 4-30-82

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	M	D	C	C	N	Z	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5	
7	8	LICENSEE CODE						14	15	LICENSEE NUMBER										25	LICENSE TYPE					30	37	CAT		38

CON'T

0	1	REPORT SOURCE	L	6	0	5	0	0	0	3	1	8	7	0	8	3	1	8	3	8	0	9	1	2	8	3	9
7	8		60	61								68	69							74	75					80	
			DOCKET NUMBER										EVENT DATE					REPORT DATE									

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

Investigation of Post Trip data revealed that following trips on 8-9 and 8-22, 22 steam generator (SG) filled too quickly. On 8-22 it was discovered that 22 feedwater regulation valve stroked too slowly causing the rapid filling of 22 SG. The valve was exercised and stroke time decreased to within specifications. On 8-31 it was determined that feed flow did not decrease to 5% within 20 seconds, T.S.3.3.2.1. Similar events: none.

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE					
0	9	H	H	E	E	I	N	S	T	R	U	C	Z				
7	8	9	10	11	12	13	14	15	16	17	18	19	20				
LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.							
17	8	3	—	0	4	2	/	0	1	T	—	0					
21	22	23	24	25	26	27	28	29	30	31	32						
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
E	Z	B	Z	0	0	0	5	Y	N	N	M	1	2	0			
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48		

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of this event was an out of calibration feedwater regu-

1 1 lating bypass valve positioner (Masoneilan Model 8012). Valve po-

1 2 sitioner was recalibrated. Additionally feedwater regulating valve

1 3 actuators were rebuilt to improve stroke time. No additional action

1 4 required.

FACILITY STATUS		% POWER			OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
1	5	E	1	0	0	N/A	A	Data Analysis		

ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1 6 Z (33) Z (34) N/A N/A

PERSONNEL EXPOSURES											
NUMBER			TYPE	DESCRIPTION							
1	7		0	0	0	(37)	Z	(38)	N/A	(39)	

PERSONNEL INJURIES
NUMBER DESCRIPTION (41)

1	8	0	0	0	(40)	N/A
---	---	---	---	---	------	-----

8 9 10 11 12
LOSS OF OR DAMAGE TO FACILITY
TYPE DESCRIPTION (43)

1 9 Z (42) N/A

7 8 9 10 11 12

162

PUBLICITY ISSUED DESCRIPTION		(45)	NRC USE ONLY											
2	0	N	(44)	N/A										

NRC USE ONLY

NAME OF PREPARER M.A. Junge/R.B. Sydnor

PHONE: (301) 269-4969/4514

LER No. 83-42
DOCKET NO. 50-318
LICENSE NO. DPR-69
EVENT DATE 08-31-83
REPORT DATE 09-12-83
ATTACHMENT

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (CONT'D).

Investigation of Post Trip data following a reactor trip of 8-9-83 revealed a rapid filling of 22 Steam Generator. This initially was attributed to a spurious initiation of Auxiliary Feed Water concurrent with the trip. A review of Post Trip data on a subsequent trip on 8-22-83 again indicated a rapid filling of 22 Steam Generator. Troubleshooting of 22 Feedwater Regulating Valve revealed it was stroking too slowly. The valve was exercised and its stroke time decreased to within specification prior to restart of the unit. On 8-31-83 it was determined that the two instances of rapid filling of 22 Steam Generator resulted from the failure of feed flow to be reduced to 5% within 20 seconds as required by T.S. 3.3.2.1. Further investigation following a reactor trip on 8-31-83 revealed that 22 Feedwater Regulating Bypass Valve was opening to allow greater than 5% feedwater flow following reactor trip. The valve was adjusted prior to restart of the unit.

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D).

During response time testing of 21 and 22 SG feedwater regulating valves on 8-31-83 and 9-1-83, 22 SG feedwater regulating bypass valve was found opening to 62.5% position vice correct 33% position. This allowed greater than 5% feedwater flow following a reactor trip. Valve positioner (Masoneilan Model 8012) was found out of calibration and was recalibrated and retested satisfactorily. Additionally, valve actuators of 21 and 22 SG feedwater regulating valves were rebuilt (O-rings and piston seals replaced) and air regulators replaced to improve the feedwater regulating valve stroke times.

Correct feedwater regulating bypass valve positioner operation is verified under existing preventive maintenance and surveillance test programs. No additional corrective action is 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

September 12, 1983

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

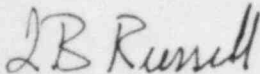
Docket No. 50-318
License No. DPR-69

Dear Dr. Murley:

Attached is LER 83-42/1T, as required per Technical Specification 6.9.1.9.d.

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:RBS:jcs

cc: Director, Office of Management Information
and Program Control

Messrs: A.E. Lundvall, Jr.
J.A. Tiernan

IE22
11