

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

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	M	D	C	C	N	2	2	0	0	-	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5	
7	8	9					14		15									25		26					30		37	CAT	56
LICENSE CODE		LICENSE NUMBER																LICENSE TYPE											

CON'T

REPORT SOURCE: 01 L 6 0 5 0 0 0 3 1 8 7 0 9 0 1 8 3 8 0 9 2 7 8 3 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | At 0115 following a reactor trip, dose equivalent (D.E.) I-131 was deter-
0 3 | mined to be 1.05 micro-curies per gram (T.S.3.4.8). At 0450, D.E. I-131
0 4 | was determined to be less than 1.0 micro-curies per gram, terminating the
0 5 | event. On 9-17 following a reactor shutdown, D.E. I-131 was determined to
0 6 | be 1.29 micro-curies per gram. At 1555 D.E. I-131 was determined to be
0 7 | less than 1.0 micro-curies per gram, terminating the event. Similar
0 8 | events: 50-318/83-38.

09		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE			
7	8	R	C	E	C	Z	Z	Z	Z	Z	Z	Z	Z				
		9	10	11	12	13						14	15	16			
17. LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.							
83		83		051		03		L		0							
21		22		23		24		25		26							
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
Z	Z	Z	Z	Z	Z	Z	Z	0000	Y	N	Z	Z929					
18	19	20	21	22	23	24	25	26	27	28	29	30					

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1	0	Iodine spiking due to a very small number of leaking fuel pins and a
1	1	change in power level was the cause for the event. Sampling frequency
1	2	increased per Technical Specification 3.4.8. until levels decreased.
1	3	No further corrective action is deemed necessary. Data required by
1	4	Technical Specification 3.4.8. is attached.

FACILITY STATUS		% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION								
1	5	C	28	0	0	0	29	N/A	30	A	31	Sample Results	32

ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE

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

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

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

7 8 9 11 12
LOSS OF OR DAMAGE TO FACILITY
TYPE DESCRIPTION (43)
1 9 Z (42) N/A
8310250411 830927
PDR ADOCK 05000318
S PDR

7 8 9 10

PUBLICATION
ISSUED DESCRIPTION (45)

2 0 N (44) N/A

NRC USE ONLY

NAME OF PREPARER M.A. Junge

PHONE: (301) 269-4969

POWER HISTORY (Hourly Average)

<u>DATE</u>	<u>TIME</u>	<u>POWER (MW)</u>
8-30	0100	823
	0200	823
	0300	823
	0400	821
	0500	822
	0600	823
	0700	822
	0800	824
	0900	822
	1000	824
	1100	822
	1200	822
	1300	822
	1400	823
	1500	821
	1600	821
	1700	820
	1800	821
	1900	821
	2000	822
	2100	825
	2200	823
	2300	824
	2400	825
8-31	0100	825
	0200	822
	0300	824
	0400	821
	0500	822
	0600	822
	0700	823
	0800	820

POWER HISTORY (Hourly Average)

<u>DATE</u>	<u>TIME</u>	<u>POWER (MW)</u>
8-31	0900	819
	1000	818
	1100	819
	1200	817
	1300	816
	1400	814
	1500	789
	1600	648
	1700	388
	1800	178
	1900	-33
	2000	-33
	2100	-33
	2200	-33
	2300	-34
9-1	2400	-33
	0100	-34

No degassing operations took place starting 48 hours prior to the event.

Clean-up flow remained at 88gpm starting 48 hours prior to the event.

September 2, 1983 - 1016

				4,946.09	5,568.66
	5,005.80	6,768.22	7,697.69	25,238.50	25,141.89
5,598.58	17,926.78	26,122.37	25,883.05	21,623.60	28,183.55
7,956.75	24,247.52	8,720.77	26,410.52	8,651.08	26,636.70
	22,546.88	24,877.87	20,329.57	26,650.02	21,528.14
		18,829.60	26,278.11	8,547.90	26,043.80
			21,392.02	24,895.22	26,259.93
				22,270.60	18,230.82
					28,779.34

POWER HISTORY (Hourly Average)

<u>DATE</u>	<u>TIME</u>	<u>POWER (MW)</u>
9-15	1000	812
	1100	811
	1200	812
	1300	813
	1400	813
	1500	813
	1600	812
	1700	812
	1800	813
	1900	812
	2000	813
	2100	815
	2200	816
	2300	817
	2400	815
9-16	0100	817
	0200	816
	0300	817
	0400	816
	0500	816
	0600	816
	0700	816
	0800	814
	0900	814
	1000	813
	1100	812
	1200	812
	1300	813
	1400	812
	1500	811
	1600	813
	1700	749
	1800	814

POWER HISTORY (Hourly Average)

<u>DATE</u>	<u>TIME</u>	<u>POWER (MW)</u>
9-16	1900	814
	2000	814
	2100	811
	2200	761
	2300	571
	2400	322
9-17	0100	44
	0200	-32
	0300	-33
	0400	-32
	0500	-33
	0600	-22
	0700	-22
	0800	-22
	0900	-22
	1000	-22

The volume control tank was degassed twice starting 48 hours prior to the event. From 1500 on 9-15 until 0545 on 9-16 and on 9-16 at 1022 until 2233.

Clean-up flow remained at 88gpm starting 48 hours prior to the event.

UNIT 2 CYCLE 5
9-16-83 @
1645

				5200.12	5909.03	
		5311.44	7209.43	8200.61	25600.91	25503.56
5922.73	18402.95	26551.26	26302.18	22100.89	28566.63	
8522.44	24704.03	9383.73	26804.62	9203.96	27001.33	
		23002.30	25351.75	20800.89	27108.00	22002.28
			19032.34	26705.79	9108.61	26408.60
				21909.36	25341.24	26668.85
					22700.62	18700.72
						29202.07

BURNUP
MWD/MTU

BALTIMORE GAS AND ELECTRIC COMPANY

P.O. BOX 1475

BALTIMORE, MARYLAND 21203

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

September 27, 1983

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

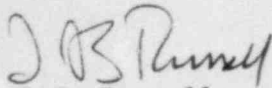
Docket No. 50-318
License No. DPR-69

Dear Dr. Murley,

In accordance with Technical Specification 6.9.1.9.b, please find the attached thirty day report for LER 83-51/3L.

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

Very truly yours,



L.B. Russell

LBR:MAJ:jcs

att:

cc: Director, Office of Management Information
and Program Control

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

IE22
1/1