NRC FORM 366 (12-81)

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

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

0 1	LICENSEE CODE: M D C C N 1 (2)	LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 (3)	LICENSE TYPE: 4 1 1 1 1 (4)	CAT: (5)

CON'T 0 1	REPORT SOURCE: L (6)	DOCKET NUMBER: 0 5 0 0 0 3 1 7 (7)	EVENT DATE: 0 8 1 0 8 3 (8)	REPORT DATE: 1 0 0 5 8 3 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 Oyster samples collected during August, 1983 from the Camp Canoy location
0 3 and analyzed for ETS table 3.2-1, showed Ag-110m to be 118+/-8 pCi/kg
0 4 (wet). Background samples during this period showed Ag-110m to be 11.8
0 5 pCi/kg (wet) (E.T.S. 5.6.2.b). These concentrations calculate to small
0 6 fractions of the doses allowed by 40 CFR Part 190, and are considered of
0 7 no risk to the health and safety of the public. Similar event: 50-317/83-
0 8 48/4X.

0 9	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
	Z Z (11)	X (12)	Z (13)	Z Z Z Z Z Z (14)	Z (15)	Z (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 3	—	0 5 2	/	0 4	T	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER (26)
Z (18)	Z (19)	Z (20)	Z (21)	0 0 0 0	N (23)	N (24)	Z (25)	Z 9 9 9

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The higher than background activity was caused by the natural tendency
1 1 of oysters to bioconcentrate environmental silver. All releases in 1982
1 2 and 1983 have been within the allowable limits in the Environmental
1 3 Technical Specification.
1 4

1 5	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
	E (28)	1 0 0 (29)	N/A	B (31)	Routine off-site samples

1 6	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
	Z (33)	Z (34)	N/A	N/A

PERSONNEL EXPOSURES

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

PERSONNEL INJURIES

1 8	NUMBER	DESCRIPTION (41)
	0 0 0 (40)	N/A

LOSS OF OR DAMAGE TO FACILITY (43)

1 9	TYPE	DESCRIPTION
	Z (42)	N/A

IE22

PUBLICITY

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

NAME OF PREPARER A.M. Vogel PHONE: (301) 269-4985

BALTIMORE GAS AND ELECTRIC COMPANY

P.O. BOX 1475

BALTIMORE, MARYLAND 21203

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

October 5, 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,

Per Environmental Technical Specification 5.6.2.b, a report dated September 26, 1983, from Gary R. Fuhrman was submitted concerning higher than normal radioactive AG-110m levels found in oyster samples near the plant. This data is being resubmitted in the format of an LER and assigned identification No. 83-52/4T.

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

Very truly yours,

John A. Tiernan

For L.B. Russell
Plant Superintendent

LBR:AMV:jcs
att:

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

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