



CHARLES CENTER • P.O. BOX 1475 • BALTIMORE, MARYLAND 21203-1475

February 4, 1993

U. S. Nuclear Regulatory Commission  
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant  
Unit Nos. 1 & 2; Docket Nos. 50-317 & 50-318  
Fitness for Duty; Program Performance Date (July 1, 1992 -  
December 31, 1992)

Gentlemen:

The attached Semi-Annual Fitness for Duty Program Performance Data is submitted for the period of July 1, 1992 through December 31, 1992, in accordance with 10 CFR 26.71(d).

Should you have any further questions regarding this matter, we will be pleased to discuss them with you.

Very truly yours,

SRG/JMO/dlm

Attachment

cc: D. A. Brune, Esquire  
J. E. Silberg, Esquire  
R. A. Capra, NRC  
D. G. McDonald, Jr., NRC  
T. T. Martin, NRC  
P. R. Wilson, NRC  
R. I. McLean, DNR  
J. H. Walter, PSC

120083

A021

9302160235 930204  
PDR ADOCK 05000317  
R PDR

# Fitness for Duty Program Performance Data Personnel Subject to 10 CFR 26

BALTIMORE GAS & ELECTRIC COMPANY	12/31/92
Company	6 Months Ending
CALVERT CLIFFS NUCLEAR POWER PLANT	
Location	
F. BRUCE MARTENIS, PROGRAM MANAGER	(410)234-6162
Contact Name	Phone (area code)

  

TEST RATE = TO 100% OF THE WORKFORCE

  

**CUTOFFS: Screen/Confirmation (ng/ml)** [X] Appendix A to 10 CFR 26

Marijuana	/	Amphetamines	/		/
Cocaine	/	Phencyclidine	/		/
Cpiates	/	Alcohol (% BAC)			/

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access	2250		214		607	
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-access	31	0	49	0	308	5
For Cause -	Post-accident	0	0	0	0	0
	Observed Behavior	1	0	0	1	1
Random	1172	0	86	1	258	3
Follow-up	5	0	0	0	0	0
Other	59	0	0	0	0	0
<b>Total</b>	1268	0	135	1	567	9

## BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	Marijuana	Cocaine	Opiates	Amphetamines	Phencylidine	Alcohol	Refusal to Test	1	2	3	4	5
Licensee Employees	-	-	-	-	-	-	-	-	-	-	-	-
Long-Term Contractors	-	-	-	-	-	1	-	-	-	-	-	-
Short-Term Contractors	-	6	-	-	1	2	-	-	-	-	-	-
Total	-	6	-	-	1	3	-	-	-	-	-	-

SUPPLEMENTAL COMMENTS TO  
BALTIMORE GAS AND ELECTRIC'S  
SEMI-ANNUAL REPORT

A Region I FFD group was formed to provide a forum for Region I FFD personnel to address implementation of 10 CFR 26 and associated problems as well provide education on drug testing, drug abuse and other timely subjects to participants.

An amphetamine positive proficiency was reported as negative by one of the HHS certified laboratories under contract to BG&E. A BG&E investigation of the laboratory found the sample tested positive on initial, GC/MS. However, the ion ratios in the mass spectrometry failed to meet HHS established qualifying standards. The laboratory had recently modified the GC/MS procedure by adding a periodate oxidation step to guard against potential interference from over the counter products such as pseudoephedrine. The laboratory retested the specimens without the periodate oxidation step and the ion ratios met the qualifying standards. The laboratory who provided the proficiency specimens was contacted. It tested aliquots from the amphetamine batch in question with a slightly different procedure of adding periodate oxidation and obtained positive GC/MS amphetamine results. The information from the BG&E's internal investigation was forwarded to the NRC with a request for an HHS investigation. BG&E is waiting the results of the HHS investigation. The HHS certified laboratory has modified their GC/MS procedure to remove the periodate oxidation process and retest the specimen when positive amphetamine specimens have disqualifying ion ratios.

FITNESS FOR DUTY PROGRAM PERFORMANCE DATA PERSONNEL SUBJECT TO 10 CFR 26
--

Baltimore Gas & Electric Company  
Calvert Cliffs Nuclear Power Plant  
Reporting Period: 07/01/92-12/31/92

The following list is a breakdown of Management Actions taken as a result of confirmed positive drug/alcohol screenings performed under the Calvert Cliffs Fitness For Duty Program:

<u>TYPE OF TEST</u>	<u>EMPLOYEE/CONTRACTOR</u>	<u>ACTION TAKEN</u>
Pre-Access	Contractor (4) Drugs Contractor (1) Alcohol	Access Denied Access Denied
For Cause	Contractor (1) Alcohol	Access Terminated
Random	Contractor (3) Drug Contractor (1) Alcohol	Access Terminated Access Terminated