



Constellation Energy®

Generation Group

February 2, 2005

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
Independent Spent Fuel Storage Installation; Docket No. 72-8
Fitness for Duty; Program Performance Data, July 1 – December 31, 2004

The Semi-Annual Fitness for Duty Program Performance Data (Attachment 1) is submitted for the period of July 1 – December 31, 2004 in accordance with 10 CFR 26.71(d).

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

Very truly yours,

Peter T. Crinigan
Director-Security and
Emergency Preparedness Program

PTC/CAN/bjd

Attachment: (1) Fitness for Duty Program Performance Data Personnel Subject to 10 CFR Part 26

cc: (Without Attachment)
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ATTACHMENT (1)

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

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

CONSTELLATION ENERGY GROUP				12/31/2004	
Company Calvert Cliffs Nuclear Power Plant				6 Months Ending	
Contact Name Michele A. Mannino, Program Administrator-FFD				Phone) (410) 495-3752	
CUTOFFS: Screen/Confirmation (ng/ml) [X] Appendix A to 10 CFR Part 26					
Marijuana 50 ng/ml		Amphetamines			
Cocaine		Phencyclidine			
Opiates		Alcohol (% BAC)			
Annual (Jan-Dec) Random testing rates: Employees & Contractors by 50%.					
Testing Results		Licensee Employees		Long-term Contractor Personnel	
Average Number with Unescorted Access		1241		N/A*	
Categories		# Tested	# Positive	# Tested	# Positive
Pre-Access		20	0	0	0
For Cause	Post-accident	0	0	0	0
	Observed Behavior	1	0	0	0
Random		418	0	0	0
Follow-up		11	0	0	0
Other**		7	0	0	0
TOTAL		457	0	0	0

* CCNPP does not differentiate between long-term and short-term contractors. All contractors that have obtained unescorted access are considered short-term.

** Primarily refers to tests conducted for samples that were hydrated (diluted). A second (observed) sample is conducted following results indicating low specific gravity and/or creatinine.

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	Marijuana	Cocaine	Opiates	Amphe- tamines	Phency- lidine	Alcohol	Refusal to test	Total
Licensee Employees	0	0	0	0	0	0	0	0
Long-Term Contractors	0	0	0	0	0	0	0	0
Short-Term Contractors	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0

For details see next page.

NOTE: THC positives are reported at 50 ng/ml and 100 ng/ml

(*) Three (3) of Five (5) specimens tested positive for THC at both 50 ng/ml and 100 ng/ml.

FITNESS FOR DUTY (FFD) PROGRAM PERFORMANCE DATA REPORT

**Situation Descriptions, Management Actions, and
NRC Reportable Events
July 1 – December 31, 2004**

A. Situation Descriptions

1. N/A

B. Management Actions (in Response to Situation Descriptions)

The following actions were taken by management as a result of the above situation descriptions:

1. N/A

C. NRC Reportable Events (Per 10CFR Part 26.73)

There were no reportable events during this performance data period.