Calvert Cliffs Nuclear Power Plant

1650 Calvert Cliffs Parkway
Lusby, Maryland 20657

Constellation Energy
Nuclear Generation Group

July 24, 2008

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, January 1 – June 30, 2008

The Semi-Annual Fitness for Duty Program Performance Data (Attachment 1) is submitted for the period of January 1 – June 30, 2008 in accordance with 10 CFR 26.71(d).

Should you have questions regarding this matter, please contact Mr. Jay S. Gaines at (410) 495-5219.

Very truly yours,

Donald J. Bartnik
Director – Security

DJB/RDW/bjd

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

cc: **(Without Attachment)**
D. V. Pickett, NRC
S. J. Collins, NRC
Resident Inspector, NRC
S. Gray, DNR

ATTACHMENT (1)

FITNESS FOR DUTY PROGRAM

PERFORMANCE DATA PERSONNEL SUBJECT TO

10 CFR PART 26

Calvert Cliffs Nuclear Power Plant, Inc.
July 24, 2008

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

CONSTELLATION ENERGY GROUP Company	06/30/2008 6 Months Ending
Calvert Cliffs Nuclear Power Plant	
Michele A. Mannino, FFD Specialist Contact Name	(410) 495-3751 Phone)

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: At Least 50% for Employees & Contractors.

Testing Results		Licensee Employees		Long-term Contractor Personnel		Short-term Contractor Personnel	
Average Number with Unescorted Access		1155		*N/A		300	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		48	0	0	0	870	7
For Cause	Post-accident	0	0	0	0	0	0
	Observed Behavior	3	0	0	0	6	1
Random		318	1	0	0	124	1
Follow-up		23	0	0	0	33	1
Other**		0	0	0	0	0	0
TOTAL		392	1	0	0	1033	10

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

** Other, 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.

*** The total number of Positives for Short-Term Contractor Personnel on this page differs from the breakdown on the next page. The situation descriptions are due to inclusion of three (3) refusals to test; one (1) during Pre-Access testing, one (1) during Random testing and one (1) during For-Cause testing.

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	Marijuana	Cocaine	Opiates	Amphe-tamines	Phency - lidine	Alcohol	Refusal to test	Total
Licensee Employees	0	1	0	0	0	0	0	1
Long-Term Contractors	0	0	0	0	0	0	0	0
Short-Term Contractors	*5	5	0	0	0	0	3	**13
TOTAL	5	6	0	0	0	0	3	14

For details see next page.

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

(*) Three (3) out of Five (5) specimen tested positive for THC at the 50 ng/ml cutoff level.

(**) **The total number of Positives for Short-Term Contractor Personnel on this page differs from the breakdown on the previous page. The situation descriptions are inclusion of three (3) refusals to test; one (1) during Pre-Access testing, one (1) during Random testing and one (1) during For-Cause testing.**

FITNESS FOR DUTY PROGRAM PERFORMANCE DATA REPORT

Situation Descriptions, Management Actions, and NRC Reportable Events January 01 – June 30, 2008

A. Situation Descriptions

1. One (1) Employee was confirmed positive for Cocaine as a result of a Random drug and alcohol test.
2. One (1) Contractor provided a sample that was below the acceptable temperature range as a result of a Pre-Access drug and alcohol test. Individual then refused to provide another test (For-Cause) under direct observation. Both (2) tests were considered refusals per the MRO. Pre-Access urine sample was sent to HHS Certified Lab for testing.
3. One (1) Contractor provided a sample that was below the acceptable temperature range as a result of a Random drug and alcohol test. An immediate For-Cause test was done under direct observation. Both (2) tests were sent to the HHS Certified Lab for testing. Random was considered refusal per the MRO. For-Cause was confirmed positive for THC.
4. One (1), Contractor was confirmed positive for Cocaine as a result of a Follow-Up drug and alcohol test.
5. One (1), Contractor was confirmed positive for Cocaine as a result of a Random drug and alcohol test.
6. Three (3), Contractors were confirmed positive for Cocaine as a result of Pre-Access drug and alcohol testing.
7. Four (4), Contractors were confirmed positive for THC as a result of Pre-Access drug and alcohol testing.

B. Management Actions (in Response to Situation Descriptions)

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

1. Unescorted Access was immediately terminated for one (1) employee for a minimum of one year. (1 above)
2. Unescorted Access was permanently denied as result of refusal to test for two (2) contractors. (2-3 above)
3. Unescorted Access was immediately terminated for two (2) contractors for a minimum of one year. (4-5 above)
4. Unescorted Access was immediately denied for seven (7) contractors for a minimum of one (1) year. (6-7 above)
5. Substance Abuse Referrals:
   All individuals were encouraged to obtain a substance abuse evaluation to determine proper treatment and rehabilitation.
6. Review of safety-related work was performed where applicable. No remedial actions were required.

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

There were no reportable events during this performance data period.