



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,

A handwritten signature in dark ink, appearing to read "Donald J. Bartnik". The signature is written in a cursive style with some loops and flourishes.

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**

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

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