



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402-2801

March 1, 2006

10 CFR 26.71(d)

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555-0001

Gentlemen:

In the Matter of)	Docket Nos.	50-259	50-390
Tennessee Valley Authority)		50-260	50-391
			50-296	50-438
			50-327	50-439
			50-328	

FITNESS FOR DUTY (FFD) PROGRAM PERFORMANCE DATA: JULY - DECEMBER 2005

In accordance with 10 CFR 26.71(d), enclosed is TVA's FFD Program Performance Data for the six-month period of July 1 - December 31, 2005. Enclosure 1 summarizes the testing results under TVA's FFD Program that occurred during this reporting period. Enclosures 2-4 contain the performance data and summary of TVA management actions for TVA's nuclear plant sites (Browns Ferry, Sequoyah, and Watts Bar, respectively). Enclosure 5 consolidates the data for TVA's nuclear corporate organization (primarily Chattanooga and Knoxville Corporate offices) and Bellefonte Nuclear Plant. Enclosure 6 includes one FFD event reported to the NRC pursuant to 10 CFR 26.73 during the six-month period.

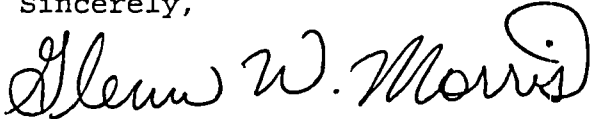
The random testing rate of drug and alcohol use is in accordance with the requirements prescribed in 10 CFR 26.24(a)(2).

1021

U.S. Nuclear Regulatory Commission
Page 2
March 1, 2006

If you have any questions concerning this information, please contact Russell Thompson at (423) 751-7737.

Sincerely,



Glenn W. Morris
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Enclosures

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cc: Continued on page 3

U.S. Nuclear Regulatory Commission
Page 3
March 1, 2006

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NRC Senior Resident Inspector
Sequoyah Nuclear Plant
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NRC Senior Resident Inspector
Watts Bar Nuclear Plant
1260 Nuclear Plant Road
Spring City, Tennessee 37381

ENCLOSURE 1

TENNESSEE VALLEY AUTHORITY (TVA)
FITNESS FOR DUTY (FFD) PERFORMANCE DATA
JULY 1 - DECEMBER 31, 2005

The following summarizes testing results under TVA's FFD Program that occurred during this reporting period:

I. TVA's "Re-screening of Specimens"

Reference: TVA's policy to re-screen specimens with a creatinine level less than 20 mg/dl, which was addressed in the February 28, 1997, FFD Performance Report.

Summary

During this reporting period, TVA Nuclear [TVAN] screened 131 specimens at the lower cutoff for marijuana. There were no positive tests identified from this group.

II. TRENDS

The confirmed positive test rate for all categories (pre-employment, pre-access, for-cause, post-accident, random, follow-up, and other) for this reporting period was 0.49 percent (19 positive tests) which is 0.02 percent higher than the last reporting period. The rate of random confirmed positives was 0.46 percent (10 positive tests) which is 0.21 percent higher than the last reporting period.

ENCLOSURE 2

SUMMARY OF MANAGEMENT ACTIONS FOR
BROWNS FERRY NUCLEAR PLANT

In the pre-access test category, five contract employees (CEs) tested positive. Four of the five CEs were denied access, removed from site, returned to the contract company, and restricted from TVA Nuclear (TVAN) work for three years. One of the five CEs was also detected attempting to subvert the Fitness for Duty testing process by substitution. This CE presented a low temperature specimen that tested negative and an observed specimen that tested positive. This CE was denied access, removed from site, returned to the contract company, and permanently restricted from TVAN work. All five CEs requested that split-specimen testing be performed. The split-specimen tests reconfirmed the positive test results.

In the for-cause (observed behavior) test category, one CE tested positive. The CE's unescorted access was revoked. The CE was removed from site, returned to the contract company, and restricted from TVAN work for three years. A review of the CE's work did not identify any deficiencies.

In the random test category, one licensee employee (LE), one contractor foreman (CF), and six CEs tested positive. The LE was requested for unescorted access but was not yet badged at the time of the random test. The LE was denied unescorted access, removed from site, and permanently restricted from TVAN work because of previous positive test results. The CF's and five of the six CE's unescorted access was revoked. The CF and five of the six CEs were removed from site, returned to the contract company, and restricted from TVAN work for three years. One of the six CEs was requested for unescorted access, but was not yet badged at the time of the random test. This CE was removed from site, returned to the contract company, and permanently restricted from TVAN work due to previous positive test results. The LE and four of the six CEs requested that split-specimen testing be performed. The split-specimen tests reconfirmed the positive test results. The CF requested that a confirmatory blood alcohol test be performed. The blood alcohol test reconfirmed the positive test results. One CE requested an appeal. The appeal upheld the positive test results. Reviews of work were conducted for the CF and for the five of six CEs previously holding unescorted access. Reviews of work did not identify any deficiencies.

In the follow-up test category, one CE tested positive. The CE's unescorted access was revoked. The CE was removed from site, returned to the contract company, and restricted from TVAN work for three years. The CE requested that split specimen testing be performed. The split-specimen test reconfirmed the positive test results. A review of the CE's work did not identify any deficiencies.

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

TENNESSEE VALLEY AUTHORITY	DECEMBER 31, 2005
Company	6 Months Ending
BROWNS FERRY NUCLEAR PLANT	
Location	
REBECCA A. STANFIELD	(423) 751-8822
Contact Name	Phone (include area code)
Cut-offs: Screen/Confirmation	
<input checked="" type="checkbox"/> Appendix A to 10 CFR 26 * 50 ng/ml initial cut-off	
Marijuana *	/
Amphetamines	/
Cocaine	/
Phencyclidine	/
Opiates	/
Alcohol(%BAC)	/

*Specimens with a creatinine level less than 20 mg/dl are evaluated using a 20 ng/ml cutoff on the initial marijuana screen and the limit of quantitation as a cutoff on the GC/MS for marijuana metabolite.

Testing Results		Licensee Employees		Long-Term *** Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		1,269				3,182	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		101	0	N/A	N/A	992	5
For Cause	Post-accident	0	0	N/A	N/A	9	0
	Observed behavior	3	0	N/A	N/A	14	1
Random		293	1	N/A	N/A	1,022	7
Follow-up		25	0	N/A	N/A	39	1
Other **		0	0	N/A	N/A	1	0
Total		422	1	N/A	N/A	2,077	14

**The other test category includes: recollected specimen at MRO's direction following initial invalid drug test results - (1).

***Both long-term and short-term contractors are included in the "Short-Term Contractor Personnel" category.

Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to test	1	2	3	4	
Licensee Employees	0	1	0	0	0	0	0	0	0	0	0	
Long-Term Contractors	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Short-Term Contractors	4	6	1	0	0	3	0	0	0	0	0	
Total	4	7	1	0	0	3	0	0	0	0	0	15

Cutoff Levels of Additional Drugs

DRUG NUMBER	SUBSTANCE	Cut-off Level (ng/ml)	
		Screen	Confirmation
1	Barbiturates	300	300
2	Benzodiazepines	300	300
3	Methadone	300	300
4	Propoxyphene	300	300

ENCLOSURE 3

SUMMARY OF MANAGEMENT ACTIONS FOR
SEQUOYAH NUCLEAR PLANT

In the **pre-access** test category, two CEs tested positive. The CEs were denied access, returned to the contract company, and restricted from TVAN work for three years. One of the two CEs requested that split-specimen testing be performed. The split-specimen tests reconfirmed the positive test results.

In the **random** test category, one CE tested positive. The CE's unescorted access was revoked. The CE was removed from site, returned to the contract company, and restricted from TVAN work for three years. The CE requested that split-specimen testing be performed. The split-specimen test reconfirmed the positive test results. A review of the CE's work did not identify any deficiencies.

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

TENNESSEE VALLEY AUTHORITY		DECEMBER 31, 2005	
Company		6 Months Ending	
SEQUOYAH NUCLEAR PLANT			
Location			
REBECCA A. STANFIELD		(423) 751-8822	
Contact Name		Phone (include area code)	
Cut-offs: Screen/Confirmation		<input checked="" type="checkbox"/> Appendix A to 10 CFR 26 * 50 ng/ml initial cut-off	
Marijuana *	/	Amphetamines	/
Cocaine	/	Phencyclidine	/
Opiates	/	Alcohol(%BAC)	/

*Specimens with a creatinine level less than 20 mg/dl are evaluated using a 20 ng/ml cutoff on the initial marijuana screen and the limit of quantitation as a cutoff on the GC/MS for marijuana metabolite.

Testing Results		Licensee Employees		Long-Term *** Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		1,242		N/A		382	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		52	0	N/A	N/A	167	2
For Cause	Post-accident	0	0	N/A	N/A	2	0
	Observed behavior	1	0	N/A	N/A	0	0
Random		259	0	N/A	N/A	115	1
Follow-up		11	0	N/A	N/A	2	0
Other **		1	0	N/A	N/A	1	0
Total		324	0	N/A	N/A	287	3

**The other test category includes: program integrity clearance (FFD Program Administration) – (2).

***Both long-term and short-term contractors are included in the “Short-Term Contractor Personnel” category.

Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to test	1	2	3	4	
Licensee Employees	0	0	0	0	0	0	0	0	0	0	0	
Long-Term Contractors	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Short-Term Contractors	3	0	0	0	0	0	0	0	0	0	0	
Total	3	0	0	0	0	0	0	0	0	0	0	3

Cutoff Levels of Additional Drugs

DRUG NUMBER	SUBSTANCE	Cut-off Level (ng/ml)	
		Screen	Confirmation
1	Barbiturates	300	300
2	Benzodiazepines	300	300
3	Methadone	300	300
4	Propoxyphene	300	300

ENCLOSURE 4

SUMMARY OF MANAGEMENT ACTIONS FOR
WATTS BAR NUCLEAR PLANT

There were no positive tests for Watts Bar Nuclear Plant during this reporting period.

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

TENNESSEE VALLEY AUTHORITY	DECEMBER 31, 2005
Company	6 Months Ending
WATTS BAR NUCLEAR PLANT	
Location	
REBECCA A. STANFIELD	(423) 751-8822
Contact Name	Phone (include area code)
Cut-offs: Screen/Confirmation	
<input checked="" type="checkbox"/> Appendix A to 10 CFR 26 * 50 ng/ml initial cut-off	
Marijuana *	/
Amphetamines	/
Cocaine	/
Phencyclidine	/
Opiates	/
Alcohol(%BAC)	/

*Specimens with a creatinine level less than 20 mg/dl are evaluated using a 20 ng/ml cutoff on the initial marijuana screen and the limit of quantitation as a cutoff on the GC/MS for marijuana metabolite.

Testing Results		Licensee Employees		Long-Term *** Contractor Personnel		Short-Term Contractor Personnel	
		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access		903		N/A		459	
Pre-Access		49	0	N/A	N/A	181	0
For Cause	Post-accident	1	0	N/A	N/A	4	0
	Observed behavior	2	0	N/A	N/A	1	0
Random		138	0	N/A	N/A	147	0
Follow-up		6	0	N/A	N/A	0	0
Other**		2	0	N/A	N/A	0	0
Total		198	0	N/A	N/A	333	0

** The other test category includes: program integrity clearance (FFD Program Administration) – (1); Return-to-work – (1).

*** Both long-term and short-term contractors are included in the "Short-Term Contractor Personnel" category.

Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to test	1	2	3	4	
Licensee Employees	0	0	0	0	0	0	0	0	0	0	0	
Long-Term Contractors	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Short-Term Contractors	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0	0	0	0	0	0	0	0	0	0	0

Cutoff Levels of Additional Drugs

DRUG NUMBER	SUBSTANCE	Cut-off Level (ng/ml)	
		Screen	Confirmation
1	Barbiturates	300	300
2	Benzodiazepines	300	300
3	Methadone	300	300
4	Propoxyphene	300	300

ENCLOSURE 5

SUMMARY OF MANAGEMENT ACTIONS FOR
CORPORATE TVA NUCLEAR (TVAN) OFFICES
AND BELLEFONTE NUCLEAR PLANT (BLN)

In the **random** test category, one LE tested positive. The LE's emergency response clearance was revoked. The LE was suspended from work for a minimum of 14 days, referred to the Employee Assistance Program, returned to work during this reporting period, subsequently had emergency response clearance reinstated, and was placed in the follow-up alcohol and drug testing program. A review of the LE's work was not conducted due to the non-safety sensitive nature of the LE's work.

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

TENNESSEE VALLEY AUTHORITY		DECEMBER 31, 2005	
Company		6 Months Ending	
CORPORATE OFFICES (CHATTANOOGA, KNOXVILLE, BELLEFONTE, AND OTHER)			
Location			
REBECCA A. STANFIELD		(423) 751-8822	
Contact Name		Phone (include area code)	
Cut-offs: Screen/Confirmation		<input checked="" type="checkbox"/> Appendix A to 10 CFR 26 * 50 ng/ml initial cut-off	
Marijuana *	/	Amphetamines	/
Cocaine	/	Phencyclidine	/
Opiates	/	Alcohol(%BAC)	/

*Specimens with a creatinine level less than 20 mg/dl are evaluated using a 20 ng/ml cutoff on the initial marijuana screen and the limit of quantitation as a cutoff on the GC/MS for marijuana metabolite.

Testing Results		Licensee Employees		Long-Term **** Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access **		N/A		N/A		N/A	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		N/A	N/A	N/A	N/A	N/A	N/A
For Cause	Post-accident	0	0	N/A	N/A	0	0
	Observed behavior	0	0	N/A	N/A	0	0
Random		158	1	N/A	N/A	19	0
Follow-up		5	0	N/A	N/A	0	0
Other ***		10	0	N/A	N/A	0	0
Total		173	1	N/A	N/A	19	0

** Persons assigned to the corporate organization or Bellefonte, but with unescorted access at a TVAN site, are included in the average for the site or sites where they hold the unescorted access authorization.

***The other test category includes: employment - (4); assignment to emergency response duties - (2); program integrity clearance (FFD Program Administration) - (1); transfer - (1); recollected specimen at MRO's direction following initial invalid drug test results - (1); return-to-work - (1).

****Both long-term and short-term contractors are included in the "Short-Term Contractor Personnel" category.

Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to test	1	2	3	4	
Licensee Employees	1	0	0	0	0	0	0	0	0	0	0	
Long-Term Contractors	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Short-Term Contractors	0	0	0	0	0	0	0	0	0	0	0	
Total	1	0	0	0	0	0	0	0	0	0	0	1

Cutoff Levels of Additional Drugs

DRUG NUMBER	SUBSTANCE	Cut-off Level (ng/ml)	
		Screen	Confirmation
1	Barbiturates	300	300
2	Benzodiazepines	300	300
3	Methadone	300	300
4	Propoxyphene	300	300

ENCLOSURE 6

SUMMARY OF FITNESS-FOR-DUTY EVENTS
REPORTED TO THE NUCLEAR REGULATORY COMMISSION OPERATIONS CENTER

EVENTS	DATE OF NOTIFICATION	JOB TITLE	SUBSTANCE	METHOD DISCOVERED	ACTION TAKEN
05-003	July 22, 2005	Contract Foreman	Alcohol	Random testing at Browns Ferry Nuclear Plant	The individual's unescorted access was revoked. The individual was removed from site, returned to the contract company, and restricted from TVAN work for three years. An associated message/alert was posted in the Personnel Access Data System. A review of the individual's work was performed with no deficiencies identified.