



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

August 29, 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: JANUARY - JUNE 2006

In accordance with 10 CFR 26.71(d), enclosed is TVA's FFD Program Performance Data for the six-month period of January 1 - June 30, 2006. 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. There were no FFD events reported to the NRC pursuant to 10 CFR 26.73 during the six-month period.

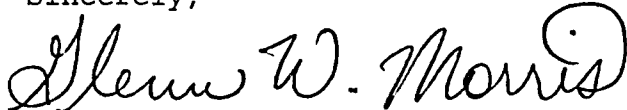
The random testing rate of drug and alcohol use is in accordance with the requirements prescribed in 10 CFR 26.24(a)(2).

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

Sincerely,



Glenn W. Morris
Manager, Corporate Nuclear Licensing
and Industry Affairs

RRT:MHG

Enclosures

cc (Enclosures):

Ms. Eva A. Brown, Project Manager
U.S. Nuclear Regulatory Commission
MS 08 G9A
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852-2739

Ms. Margaret H. Chernoff, Project Manager
U.S. Nuclear Regulatory Commission
MS 08 G9A
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852-2739

Mr. Douglas V. Pickett, Project Manager
U.S. Nuclear Regulatory Commission
MS 08 G9A
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852-2739

Dr. William Travers, Regional Administrator
U.S. Nuclear Regulatory Commission
Region II
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW, Suite 23T85
Atlanta, Georgia 30303-8931

cc: Continued on page 3

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cc (Enclosures):

NRC Senior Resident Inspector
Browns Ferry Nuclear Plant
10833 Shaw Road
Athens, Alabama 35611-6970

NRC Senior Resident Inspector
Sequoyah Nuclear Plant
2600 Igou Ferry Road
Soddy Daisy, Tennessee 37379-3624

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
JANUARY 1 - JUNE 30, 2006

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 181 specimens at the lower cutoff for marijuana. There were four 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 0.68 percent (37 positive tests) which is 0.19 percent higher than the last reporting period. The rate of random confirmed positives was 0.51 percent (13 positive tests) which is 0.05 percent higher than the last reporting period.

ENCLOSURE 2

SUMMARY OF MANAGEMENT ACTIONS FOR
BROWNS FERRY NUCLEAR PLANT

In the pre-access test category, eleven contract employees (CEs) tested positive. Ten of the eleven CEs testing positive were denied access, removed from site, returned to the contract company, and restricted from TVA Nuclear (TVAN) work for three years. One of the eleven 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. Ten CEs requested that split-specimen testing be performed. The split-specimen tests reconfirmed the positive test results. One CE requested that a confirmatory blood alcohol test be performed. The blood alcohol test reconfirmed the positive test results.

Also in pre-access test category, one CE refused to provide a required observed specimen after providing a low volume specimen, then left the collection facility without permission. This CE was denied access, removed from site, returned to the contract company, and permanently restricted from TVAN work.

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. The CE requested that a confirmatory blood alcohol test be performed. The blood alcohol test reconfirmed the positive test results. A review of the CE's work did not identify any deficiencies.

In the random test category, three licensee employees (LEs) and six CEs tested positive. The LEs' and CEs' unescorted access was revoked. The LEs and CEs were removed from site. The LEs were suspended from work for a minimum of 14 days and referred to the Employee Assistance Program. One LE returned to work during this reporting period, had access reinstated, and was placed in the follow-up alcohol and drug testing program. The CEs were returned to the contract company. Four CEs were restricted from TVAN work for three years. Two CEs were permanently restricted from TVAN work because of previous positive test results. Two LEs and five CEs requested that split-specimen testing be performed. The split-specimen tests reconfirmed the positive test results. One CE requested an appeal. The appeal upheld the positive test results. Reviews of the LEs' and CEs' work did not identify any deficiencies.

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

TENNESSEE VALLEY AUTHORITY		JUNE 30, 2006	
Company		6 Months Ending	
BROWNS FERRY NUCLEAR PLANT			
Location			
REBECCA A. STANFIELD-CHRISTNER		(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		1,347				3,226	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		123	0	N/A	N/A	1,351	11
For Cause	Post-accident	1	0	N/A	N/A	2	0
	Observed behavior	0	0	N/A	N/A	9	1
Random		358	3	N/A	N/A	1,108	6
Follow-up		48	0	N/A	N/A	37	0
Other **		5	0	N/A	N/A	0	0
Total		535	3	N/A	N/A	2,507	18

**The other test category includes: return-to-work - (4); transfer - (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	1	0	1	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	*10	5	0	0	0	3	1	0	0	0	0	
Total	11	5	0	1	0	4	1	0	0	0	0	22

* Two specimens from this category tested negative at the 50 ng/ml cutoff limit, but positive using the 20 ng/ml cutoff limit.

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, six CEs tested positive. Four 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 six 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. One CE requested that split-specimen testing be performed. The split-specimen test reconfirmed the positive test results. One CE requested that a confirmatory blood alcohol test be performed. The blood alcohol test reconfirmed the positive test results. Two CEs requested an appeal. The appeals upheld the positive test results.

Also in the **pre-access** test category, one CE refused to provide a required observed specimen after providing a low-temperature specimen, then leaving the collection facility without permission. This CE was denied access, removed from site, returned to the contract company, and permanently restricted from TVAN work.

In the **random** test category, three LEs and one CE tested positive. The LEs' unescorted access was revoked. The CE had not yet been granted unescorted access. Two LEs were suspended from work for a minimum of 14 days and referred to the Employee Assistance Program. One LE returned to work during this reporting period, had access reinstated, and was placed in the follow-up alcohol and drug testing program. One LE was terminated and permanently restricted from TVAN work because of previous positive test results. The CE was removed from site, returned to the contract company, and restricted from TVAN work for three years. One LE requested that split-specimen testing be performed. The split-specimen test reconfirmed the positive test results. The CE requested that a confirmatory blood alcohol test be performed. The blood alcohol test reconfirmed the positive test results. One LE and the CE requested an appeal. The appeals upheld the positive test results. A review of the CE's work was not performed because the CE was not granted unescorted access. Reviews of the LEs' work did not identify any deficiencies.

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

TENNESSEE VALLEY AUTHORITY		JUNE 30, 2006	
Company		6 Months Ending	
SEQUOYAH NUCLEAR PLANT			
Location			
REBECCA A. STANFIELD-CHRISTNER		(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		1,272		N/A		571	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		83	0	N/A	N/A	740	6
For Cause	Post-accident	3	0	N/A	N/A	4	0
	Observed behavior	0	0	N/A	N/A	4	0
Random		301	3	N/A	N/A	190	1
Follow-up		8	0	N/A	N/A	3	0
Other **		1	0	N/A	N/A	1	0
Total		396	3	N/A	N/A	942	7

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

***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	2	0	0	0	1	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	0	0	1	0	2	1	0	0	0	0	
Total	4	2	0	1	0	3	1	0	0	0	0	11

* One specimen from this category tested negative at the 50 ng/ml cutoff limit, but positive using the 20 ng/ml cutoff limit.

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

In the **pre-access** test category, six CEs tested positive. The CEs were denied access, removed from site, returned to the contract company, and restricted from TVA Nuclear (TVAN) work for three years. One CE was badged as a reinstatement pending drug test results, and the unescorted access was revoked for this CE. One CE tested positive for two substances. Five CEs requested that split-specimen testing be performed. The split-specimen tests reconfirmed the positive test results. Two CEs requested an appeal. The appeals upheld the positive test results. A review of work for the CE for whom unescorted access was revoked did not identify any deficiencies.

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

TENNESSEE VALLEY AUTHORITY		JUNE 30, 2006	
Company		6 Months Ending	
WATTS BAR NUCLEAR PLANT			
Location			
REBECCA A. STANFIELD-CHRISTNER		(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		915		N/A		611	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		39	0	N/A	N/A	408	6
For Cause	Post-accident	0	0	N/A	N/A	3	0
	Observed behavior	0	0	N/A	N/A	1	0
Random		193	0	N/A	N/A	200	0
Follow-up		5	0	N/A	N/A	0	0
Other**		1	0	N/A	N/A	0	0
Total		238	0	N/A	N/A	612	6

** The other test category includes: 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	*4	3	0	0	0	0	0	0	0	0	0
Total	4	3	0	0	0	0	0	0	0	0	0

* One specimen from this category tested negative at the 50 ng/ml cutoff limit, but positive using the 20 ng/ml cutoff limit.

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)

There were no positive tests in the Corporate TVAN offices or BLN during this reporting period.

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

TENNESSEE VALLEY AUTHORITY		JUNE 30, 2006	
Company		6 Months Ending	
CORPORATE OFFICES (CHATTANOOGA, KNOXVILLE, BELLEFONTE, AND OTHER)			
Location			
REBECCA A. STANFIELD-CHRISTNER		(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		169	0	N/A	N/A	14	0
Follow-up		11	0	N/A	N/A	0	0
Other ***		8	0	N/A	N/A	4	0
Total		188	0	N/A	N/A	18	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 - (2) TVA, (1) contract; assignment to emergency response duties - (1) TVA, (2) contract; program integrity clearance (FFD Program Administration) - (4) TVA, (1) contract; return-to-work - (1) TVA.

****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	Amphe- tamines	Phency- clidine	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