



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

February 29, 2012

10 CFR 26.11
10 CFR 26.717

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

Browns Ferry Nuclear Plant, Units 1, 2, and 3
Facility Operating License Nos. DPR-33, DPR-52, and DPR-68
NRC Docket Nos. 50-259, 50-260, and 50-296

Sequoyah Nuclear Plant, Units 1 and 2
Facility Operating License Nos. DPR-77 and DPR-79
NRC Docket Nos. 50-327 and 50-328

Watts Bar Nuclear Plant, Unit 1
Facility Operating License No. NPF-90
NRC Docket No. 50-390

Watts Bar Nuclear Plant, Unit 2
Construction Permit No. CPPR-92
NRC Docket No. 50-391

Subject: Fitness for Duty Annual Program Performance Data, January through December 2011

In accordance with 10 CFR 26.717, paragraph (e), this letter provides the Tennessee Valley Authority's (TVA's) Fitness for Duty Program Performance Data for January through December 2011. This report is required to be submitted prior to March 1, 2012.

TVA's random testing rate of drug and alcohol use is performed in accordance with the requirements prescribed in 10 CFR 26.31(d)(vii). Enclosure 1 contains a summary of TVA's Fitness for Duty performance data for January through December 2011. Enclosures 2, 3, and 4 contain management actions and a summary of the performance data for site personnel subject to 10 CFR 26 during the reporting period at each of TVA's licensed operating facilities. Enclosure 5 contains a summary of performance data for personnel located in the Corporate Offices (primarily, Chattanooga and Knoxville, Tennessee) and subject to 10 CFR 26. Enclosure 6 contains a list of 10 CFR 26.719 events that were reported during the reporting period.

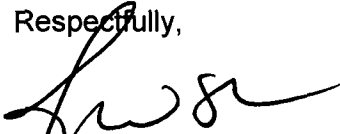
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Enclosure 7 contains the information required under 10 CFR 26.203, paragraphs (e)(1) and (e)(2) on the subject of work hour control waivers for individual workers.

There are no new regulatory commitments made by this letter. Please direct any questions concerning this matter to Thomas Hess at (423) 751-3487.

Respectfully,



J.W. Shea
Manager, Corporate Nuclear Licensing

Enclosures:

1. Tennessee Valley Authority Fitness for Duty Performance Data, January through December 2011
2. Browns Ferry Nuclear Plant, Summary of Management Actions and Fitness for Duty Program Performance Data
3. Sequoyah Nuclear Plant, Summary of Management Actions and Fitness for Duty Program Performance Data
4. Watts Bar Nuclear Plant, Summary of Management Actions and Fitness for Duty Program Performance Data
5. Corporate Nuclear Power Group Offices, Summary of Management Actions and Fitness for Duty Program Performance Data
6. Summary of Fitness for Duty Events Reported to the Nuclear Regulatory Commission Operations Center
7. Browns Ferry, Sequoyah and Watts Bar Nuclear Plants, Fatigue Management Summary - 2011

Enclosures:

cc (Enclosures):

NRC Regional Administrator - Region II
NRC Senior Resident Inspector - Browns Ferry Nuclear Plant
NRC Senior Resident Inspector - Sequoyah Nuclear Plant
NRC Senior Resident Inspector - Watts Bar Nuclear Plant Unit 1
NRC Senior Resident Inspector - Watts Bar Nuclear Plant Unit 2

ENCLOSURE 1

TENNESSEE VALLEY AUTHORITY

FITNESS FOR DUTY PERFORMANCE DATA JANUARY THROUGH DECEMBER 2011

The following summarizes the results of testing performed during this reporting period for personnel subject to Tennessee Valley Authority's (TVA's) Nuclear Power Group (NPG) Fitness for Duty Program.

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

Reference: TVA's Letter to NRC, "Fitness for Duty (FFD) Program Performance Data: July – December 1996, dated February 28, 1997."

Summary

In accordance with 10 CFR 26.717(b)(2), TVA re-screens specimens with a creatinine level of less than 20 mg/dl, as discussed in the above Reference. During this 2011 Annual reporting period, TVA NPG screened 479 specimens at this lower cutoff level for marijuana with seven positive results identified.

II. Trends

The confirmed positive test rate for all categories (pre-employment, pre-access, for-cause, post-event, random, follow-up, and other) for the 2011 Annual reporting period was 0.36 percent (46 positive results out of 12,931 tests). The rate of random confirmed positives was 0.28 percent (17 positive results out of 5,986 tests). TVA NPG's random testing rate for 2011 exceeded the required 50% of the population that is subject to the FFD Program as identified in 10 CFR 26.31(d)(2)(vii).

Site	No. of employees/contractors	No. of random tests	Random Percentage tested
Corporate	750	431	57.47%
Browns Ferry	2585	1452	56.17%
Sequoyah	2377	1208	50.82%
Watts Bar	5343	2895	54.18%
Totals	11055	5986	54.15%

ENCLOSURE 2

TENNESSEE VALLEY AUTHORITY

BROWNS FERRY NUCLEAR PLANT

SUMMARY OF MANAGEMENT ACTIONS AND FITNESS FOR DUTY PROGRAM PERFORMANCE DATA

In the **pre-access** test category, six Contract Employees (CEs) tested positive.

- CEs were denied access and returned to the contract company.
- CEs unescorted access authorization was denied for a period of three years and restricted from all Tennessee Valley Authority (TVA) Nuclear Power Group (NPG) work at NPG work locations for a period of three years.
- Four CEs requested that split specimen testing be performed. The split specimen tests reconfirmed the positive test results.

In the **random** test category, two CEs and one Licensee Employee (LE) tested positive.

- CEs were denied access and returned to the contract company.
- CEs unescorted access authorization was denied for a period of three years and restricted from all TVA NPG work at NPG work locations for a period of three years. A review of the CEs work did not identify any deficiencies.
- One CE requested that split specimen testing be performed. The split specimen tests reconfirmed the positive test results.
- In addition to revocation of unescorted access, the LE was removed from site, suspended for a minimum of fourteen days and referred to the Employee Assistance Program. The LE returned to work during this 2011 Annual reporting period and was placed in the follow-up alcohol and drug testing program. A review of the LE's work did not identify any discrepancies.

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

TENNESSEE VALLEY AUTHORITY
COMPANY

12/31/11
12 MONTHS ENDING

BROWNS FERRY NUCLEAR PLANT
LOCATION

RONALD L. CASEY
CONTACT NAME

423-751-7923
PHONE (INCLUDING AREA
CODE)

CUTOFFS: SCREEN/CONFIRMATION (ng/ml)

ALCOHOL (% BAC)	0.04%	COCAINE	300/150	PHENCYCLIDINE	25/25
AMPHETAMINES	1000/500	*MARIJUANA	50/15	OPIATES	2000/2000

*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		1661		N/A		924	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		215	0	N/A	N/A	1820	6
For Cause	Post-Event	3	0	N/A	N/A	5	0
	Observed behavior	5	0	N/A	N/A	9	0
Random		874	1	N/A	N/A	578	2
Follow-up		68	0	N/A	N/A	30	0
Other		0	0	N/A	N/A	0	0
Total		1165	1	N/A	N/A	2442	8

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

Breakdown of Confirmed Positive Tests for Specific Substances - Browns Ferry Nuclear Plant

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to test	Adulterated Specimen	Substituted Specimen	1	2	3	4	
Licensee Employees	0	0	0	0	0	1	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	N/A	N/A	
Short-Term Contractors	3	1	0	1	0	3	0	0	0	0	0	0	0	
Total	3*	1	0	1	0	4	0	0	0	0	0	0	0	9

* 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 3

TENNESSEE VALLEY AUTHORITY

SEQUOYAH NUCLEAR PLANT

SUMMARY OF MANAGEMENT ACTIONS AND FITNESS FOR DUTY PROGRAM PERFORMANCE DATA

In the **pre-access** test category, twelve Contract Employees (CEs) tested positive.

- CEs were denied access and returned to the contract company.
- CEs unescorted access authorization was denied for a period of three years and restricted from all Tennessee Valley Authority (TVA) Nuclear Power Group (NPG) work at NPG work locations for a period of three years.
- Five CEs requested that split specimen testing be performed. The split specimen tests reconfirmed the positive test results.
- One of the CEs requested an appeal. The positive test results were upheld.

Also in the **pre-access** test category, one CE did not complete pre-access testing. The CE first urine specimen was not in temperature range. The CE left before a second witnessed urine test could be performed. The situation was reviewed by the Medical Review Officer (MRO) and determined to be a "refusal to test." The CE unescorted access was permanently denied and permanently restricted from TVA NPG work at NPG work locations.

In the **for-cause** test category one Licensee Employee (LE) tested positive.

- In addition to revocation of unescorted access, the LE was removed from site, suspended for a minimum of fourteen days and referred to the Employee Assistance Program. The LE returned to work during this 2011 Annual reporting period and was placed in the follow-up alcohol and drug testing program. A review of the LE's work did not identify any discrepancies.

In the **random** test category, three CEs and two LEs tested positive.

- CEs were denied access and returned to the contract company.
- CEs unescorted access authorization was denied for a period of three years and restricted from all TVA NPG work at NPG work locations for a period of three years.
- A review of the CEs work did not identify any deficiencies.
- In addition to revocation of unescorted access, the two LEs were removed from site, suspended for a minimum of fourteen days and referred to the Employee Assistance Program. One LE requested that split specimen testing be performed. The split specimen test reconfirmed the positive test result. The two LEs returned to work during this 2011 Annual reporting period and were placed in the follow-up alcohol and drug testing program. A review of the two LEs work did not identify any discrepancies.
- One of the LE events was reported to the NRC in accordance with 10 CFR 26.719 requirements (Event Number 47261 - "Fitness for Duty- Confirmed Positive Drug Test for a Non-Licensed Supervisor.").

Also in the **random** test category, one CE left the collection area prior to completing the urine drug screen. The situation was reviewed by the MRO and determined to be a "refusal to test." A review of the CE work did not identify any deficiencies. The CE unescorted access was permanently denied and permanently restricted from TVA NPG work at NPG work locations.

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

TENNESSEE VALLEY AUTHORITY
COMPANY

12/31/11
12 MONTHS ENDING

SEQUOYAH NUCLEAR PLANT
LOCATION

RONALD L. CASEY
CONTACT NAME

423-751-7923
PHONE (INCLUDING AREA
CODE)

CUTOFFS: SCREEN/CONFIRMATION (ng/ml)

ALCOHOL (% BAC)	0.04%	COCAINE	300/150	PHENCYCLIDINE	25/25
AMPHETAMINES	1000/500	*MARIJUANA	50/15	OPIATES	2000/2000

*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		1479		N/A		898	
Pre-Access		253	0	N/A	N/A	1326	12
For Cause	Post-Event	9	0	N/A	N/A	6	0
	Observed behavior	8	1	N/A	N/A	4	0
Random		722	2	N/A	N/A	486	3
Follow-up		4	0	N/A	N/A	31	0
Other		0	0	N/A	N/A	0	0
Total		996	3	N/A	N/A	1853	15

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

Breakdown of Confirmed Positive Tests for Specific Substances - Sequoyah Nuclear Plant

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to test	Adulterated Specimen	Substituted Specimen	1	2	3	4	
Licensee Employees	0	0	0	1	0	2	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	N/A	N/A	
Short-Term Contractors	9	1	1	2	0	3	2	0	0	0	0	0	0	
Total	9*	1	1	3	0	5	2	0	0	0	0	0	0	21**

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

** One CE tested positive for both opiates and amphetamines.

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

TENNESSEE VALLEY AUTHORITY

WATTS BAR NUCLEAR PLANT

SUMMARY OF MANAGEMENT ACTIONS AND FITNESS FOR DUTY PROGRAM PERFORMANCE DATA

In the **pre-access** test category, ten Contract Employees (CEs) tested positive.

- The CEs were denied access and returned to the contract company.
- CEs unescorted access authorization was denied for a period of three years and restricted from all Tennessee Valley Authority (TVA) Nuclear Power Group (NPG) work at NPG work locations for a period of three years.
- Eight CEs requested that split specimen testing be performed. The split specimen tests reconfirmed the positive test results.
- One CE urine specimen was not in temperature range. The second urine test was an observed test and was positive on the expanded panel of the drugs tested by TVA NPG.
- Two of the CEs requested an appeal. The appeal upheld the positive test result.

Also in the **pre-access** test category:

- One CE did not complete pre-access testing. The CE first urine specimen was not in temperature range. The CE left before a second witnessed urine test could be performed. The situation was reviewed by the Medical Review Officer (MRO) and determined to be a "refusal to test." The CE unescorted access was permanently denied and permanently restricted from TVA NPG work at NPG work locations.
- One CE urine specimen was not in temperature range. The second urine test was an observed test and laboratory analyses of the two urine samples indicated they were not consistent specimens. The results were reviewed by the MRO and determined to be a "refusal to test". CE unescorted access was permanently denied and permanently restricted from TVA NPG work at NPG work locations.
- One CE urine specimen was not in temperature range. The second urine test was an observed test with a positive test result. The situation was reviewed by the MRO and determined to be a "refusal to test" due to an attempt to subvert the testing process. The CE unescorted access was permanently denied and permanently restricted from TVA NPG work at NPG work locations.

In the **for-cause (observed behavior/reasonable suspicion)** test category, a CE was determined by the laboratory and confirmed by the MRO to have a substituted specimen.

- The CE was denied access and returned to the contract company.
- CE unescorted access was permanently denied and permanently restricted from TVA NPG work at NPG work locations.
- A review of the CE work did not identify any deficiencies.

In the **random** test category, eight CEs and one LE tested positive.

- The CEs were denied access and returned to the contract company.
- Seven CEs unescorted access authorization was denied for a period of three years and restricted from all TVA NPG work at NPG work locations for a period of three years.
- One CE unescorted access authorization was denied permanently and restricted from all TVA NPG work at NPG work locations permanently due to a previous positive.
- A review of the CEs work did not identify any deficiencies.
- Seven CEs requested that split specimen testing be performed. The split specimen tests reconfirmed the positive test results.
- Two of the CEs requested an appeal. The appeals upheld the positive test results.
- In addition to revocation of unescorted access, the LE was removed from site, suspended for a minimum of fourteen days and referred to the Employee Assistance Program. One LE requested that split specimen testing be performed. The split specimen test reconfirmed the positive test result. The LE returned to work during this 2011 Annual reporting period and was placed in the follow-up alcohol and drug testing program. A review of the LE work did not identify any discrepancies.
- One of the CE events was reported to the NRC in accordance with 10 CFR 26.719 requirements (Event Number 46812- "Fitness for Duty- Confirmed Positive Drug Test for a Non-Licensed Supervisor.")

Also in the **random** test category:

- One CE did not report for random testing after notification to report. The situation was reviewed by the MRO and determined to be a "refusal to test." A review of the CE's work did not identify any deficiencies. The CE requested an appeal and the appeal upheld the refusal to test. The CE unescorted access was permanently denied and permanently restricted from TVA NPG work at NPG work locations.
- One CE urine specimen was not in temperature range. The second urine test was an observed test with a positive test result. The situation was reviewed by the MRO and determined to be a "refusal to test" due to an attempt to subvert the testing process. The CE unescorted access was permanently denied and permanently restricted from TVA NPG work at NPG work locations.

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

TENNESSEE VALLEY AUTHORITY
COMPANY

12/31/11
12 MONTHS ENDING

WATTS BAR NUCLEAR PLANT
LOCATION

RONALD L. CASEY
CONTACT NAME

423-751-7923
PHONE (INCLUDING AREA
CODE)

CUTOFFS: SCREEN/CONFIRMATION (ng/ml)

ALCOHOL (% BAC)	0.04%	COCAINE	300/150	PHENCYCLIDINE	25/25
AMPHETAMINES	1000/500	*MARIJUANA	50/15	OPIATES	2000/2000

*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		1439		N/A		3904	
Pre-Access		146	0	N/A	N/A	2629	10
For Cause	Post-event	6	0	N/A	N/A	11	0
	Observed behavior	4	0	N/A	N/A	15	0
Random		697	1	N/A	N/A	2198	8
Follow-up		46	0	N/A	N/A	166	0
Other		0	0	N/A	N/A	0	0
Total		899	1	N/A	N/A	5019	18

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

Breakdown of Confirmed Positive Tests for Specific Substances - Watts Bar Nuclear Plant

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to test	Adulterated Specimen	Substituted Specimen	1	2	3	4	
Licensee Employees	1	0	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	N/A	N/A	
Short-Term Contractors	12	1	1	2	0	2	5	0	1	0	0	1	0	
Total	13*	1	1	2	0	2	5	0	1	0	0	1	0	26**

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

** One CE tested positive for both opiates and amphetamines.

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
TENNESSEE VALLEY AUTHORITY
CORPORATE NUCLEAR POWER GROUP OFFICES
SUMMARY OF MANAGEMENT ACTIONS AND FITNESS FOR DUTY PROGRAM
PERFORMANCE DATA

There were no management actions for the Corporate office.

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

TENNESSEE VALLEY AUTHORITY
COMPANY

12/31/11
12 MONTHS ENDING

CHATTANOOGA CORPORATE OFFICE
LOCATION

RONALD L. CASEY
CONTACT NAME

423-751-7923
PHONE (INCLUDING AREA
CODE)

CUTOFFS: SCREEN/CONFIRMATION (ng/ml)

ALCOHOL (% BAC)	0.04%	COCAINE	300/150	PHENCYCLIDINE	25/25
AMPHETAMINES	1000/500	*MARIJUANA	50/15	OPIATES	2000/2000

*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		526		N/A		224	
Pre-Access		88	0	N/A	N/A	15	0
For Cause	Post-event	0	0	N/A	N/A	0	0
	Observed behavior	0	0	N/A	N/A	0	0
Random		289	0	N/A	N/A	142	0
Follow-up		21	0	N/A	N/A	2	0
Other		0	0	N/A	N/A	0	0
Total		398	0	N/A	N/A	159	0

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

Breakdown of Confirmed Positive Tests for Specific Substances - Chattanooga Corporate Offices

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

TENNESSEE VALLEY AUTHORITY

**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
11-001 (NRC Event Number 46812)	May 3, 2011	Contractor Non-licensed Supervisor	Confirmed positive for marijuana	Random test at Watts Bar Nuclear Plant.	The individual's unescorted access was revoked. A review of the individual's work was performed with no deficiencies identified. Individual's unescorted access authorization was denied for a period of three years and restricted from all TVA NPG work at NPG work locations for a period of three years.
11-002 (NRC Event Number 47261)	September 13, 2011	TVA SQN Non-licensed Supervisor	Confirmed positive for amphetamine	Random test at Sequoyah Nuclear Plant.	The individual's unescorted access was revoked. Individual was suspended for a minimum of fourteen days. Individual completed Employee Assistance Program requirements prior to reconsideration for unescorted access authorization. Individual returned to work during this 2011 Annual reporting period. A review of the individual's work was performed with no deficiencies identified.

ENCLOSURE 7

**TENNESSEE VALLEY AUTHORITY
BROWNS FERRY, SEQUOYAH, AND WATTS BAR NUCLEAR PLANTS**

FATIGUE MANAGEMENT SUMMARY - 2011

Fatigue Management Summary

Browns Ferry Nuclear Plant - 2011

Summary:
One waiver in Security.

Fatigue Management Data

Summary of Waiver Issuance 26.203(e)(1) (i-ii)														
Group	Number of Waivers Issued for Each Work Hour Control Limit													
	>16/24 hour period		>26/48 hour period		>72/7 day period		<8hr break		<10 hr break		< 34 hr break in any 9 day period		<Minimum Day Off Requirement	
	Online	Outage	Online	Outage	Online	Outage	Online	Outage	Online	Outage	Online	Outage	Online	Outage
Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fire Brigade	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maintenance	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Physics	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Security	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Distribution of Waivers for Individuals in Each Category – 26.203(e)(iii)						
Number of Waivers Issued	Operations	Fire Brigade	Maintenance	Chemistry	Health Physics	Security
1	0	0	0	0	0	1
2	0	0	0	0	0	0
greater than 2	0	0	0	0	0	0

Summary of Corrective Actions – 26.203(e)2:
None

Fatigue Management Summary

Sequoyah Nuclear Plant - 2011

Summary:

No Waivers issued at Sequoyah Nuclear Plant

Fatigue Management Data

Summary of Waiver Issuance 26.203(e)(1) (i-ii)														
Group	Number of Waivers Issued for Each Work Hour Control Limit													
	>16/24 hour period		>26/48 hour period		>72/7 day period		<8hr break		<10 hr break		< 34 hr break in any 9 day period		<Minimum Day Off Requirement	
	Online	Outage	Online	Outage	Online	Outage	Online	Outage	Online	Outage	Online	Outage	Online	Outage
Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fire Brigade	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maintenance	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Physics	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Security	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Distribution of Waivers for Individuals in Each Category – 26.203(e)(iii)						
Number of Waivers Issued	Operations	Fire Brigade	Maintenance	Chemistry	Health Physics	Security
1	0	0	0	0	0	0
2	0	0	0	0	0	0
greater than 2	0	0	0	0	0	0

Summary of Corrective Actions – 26.203(e)2:

None

Fatigue Management Summary

Watts Bar Nuclear Plant - 2011

Summary:

One waiver in Maintenance for working >16 Hours in a 24 Hour Period. One waiver in Maintenance for working >26 Hours in a 48 Hour Period

Fatigue Management Data

Summary of Waiver Issuance 26.203(e)(1) (i-ii)														
Group	Number of Waivers Issued for Each Work Hour Control Limit													
	>16/24 hour period		>26/48 hour period		>72/7 day period		<8hr break		<10 hr break		< 34 hr break in any 9 day period		<Minimum Day Off Requirement	
	Online	Outage	Online	Outage	Online	Outage	Online	Outage	Online	Outage	Online	Outage	Online	Outage
Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fire Brigade	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maintenance	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Physics	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Security	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	1	0	0	0	0	0	0	0	0	0	0	0

Distribution of Waivers for Individuals in Each Category – 26.203(e)(iii)						
Number of Waivers Issued	Operations	Fire Brigade	Maintenance	Chemistry	Health Physics	Security
1	0	0	2	0	0	0
2	0	0	0	0	0	0
greater than 2	0	0	0	0	0	0

Summary of Corrective Actions – 26.203(e)2:

None