



**NUCLEAR FUEL SERVICES, INC.**

*a subsidiary of The Babcock & Wilcox Company*

■ 1205 banner hill road ■ erwin, tn 37650 ■ phone 423.743.9141  
■ www.nuclearfuelservices.com

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

21G-12-0024  
GOV-01-55-04  
ACF-12-0045  
February 16, 2012

Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**Subject: Fitness For Duty Program Performance Data**

Reference: Docket No. 70-143; SNM License 124

Gentlemen:

As required by 10 CFR 26, Section 26.717, enclosed is the Nuclear Fuel Services, Inc. (NFS) Fitness For Duty Program Performance Data for the reporting period of January 1, 2011, through December 31, 2011. The information was submitted electronically to you on Friday, February 10, 2011.

If you or your staff have any questions, require additional information, or wish to discuss this matter further, please contact me, or Mr. Gregg Tipton, Labor Relations Section Manager, at (423) 743-1721. Please reference our unique document identification number (21G-12-0024) in any correspondence concerning this letter.

Sincerely,

**NUCLEAR FUEL SERVICES, INC.**

Mark P. Elliott, Director  
Quality, Safety, and Safeguards

GAT/pj

Enclosure: Fitness For Duty Program Performance Data

A021  
K1M5501  
NFK  
NMSS

Copy:

U. S. Nuclear Regulatory Commission  
Region II  
245 Peachtree Center Ave. NE, Suite 1200  
Atlanta, GA 30303-1257

Mr. Paul Harris, Senior Program Manager  
10 CFR Part 26, Fitness for Duty (Drug & Alcohol Testing)  
Office of Nuclear Security and Incident Response  
U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

Mr. Kevin Ramsey  
Fuel Manufacturing Branch  
Fuel Facility Licensing Directorate  
Division of Fuel Cycle Safety and Safeguards  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Mr. Galen Smith  
Senior Resident Inspector  
U.S. Nuclear Regulatory Commission

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**ENCLOSURE**

***Fitness For Duty Program Performance Data***

(3 pages to follow)

# FITNESS FOR DUTY PROGRAM PERFORMANCE DATA

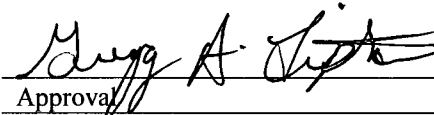
2011

NUCLEAR FUEL SERVICES, INC.,  
 1205 BANNER HILL ROAD  
 ERWIN, TENNESSEE 37650  
 (423) 743-1738

Reporting Period:

January 1, 2011 through December 31, 2011

ATTENTION: Gregg Tipton  
 Manager Labor Relations

 2/10/12  
 Approval Date

Robert Birmingham  
 Director of Human Resources

 2-10-12  
 Approval Date

**RANDOM TESTING RATE = 50% OF THE NRC FFD PROGRAM RANDOM TEST POOL POPULATION**

Number of Employees in Testing Pool for 2011 year was 1139

**DRUGS AND SUBSTANCES FOR WHICH TESTING IS CONDUCTED AND CUTOFF LEVELS**

	<u>Cutoff Levels (ng/mL)</u>			<u>Cutoff Levels (% BAC)</u>	
	<u>Initial</u>	<u>Confirmatory</u>		<u>Initial</u>	<u>Confirmatory</u>
Marijuana metabolite	50	15	Alcohol	0.04%	0.04%
Cocaine metabolite	300	150		0.03%	0.03%
Opiates:	2000			When Donor has been in a work status of at least 1 hour or more at the time the test was concluded	
Morphine		2000			
Codeine		2000			
6-acetylmorphine		10		0.02%	0.02%
Phencyclidine (PCP)	25	25		When Donor has been in a work status of at least 2 hours or more at the time the test was concluded	
Amphetamines:	1000				
Amphetamine		500			
Methamphetamine		500			
			<b>Validity Testing</b>	<b>Cutoff Levels</b> Creatinine and Adulterants As defined in 10 CFR 26.161	

# FITNESS FOR DUTY PROGRAM PERFORMANCE DATA

2011

CATEGORIES	Pre-Employment Applicants		Licensee Employees		Contractors/Vendors	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access/RTD	129	0	71	0	53	1
For Cause / BOP	0	0	7	0	1	1
Post Event	0	0	14	0	12	0
Follow-Up	0	0	13	0	0	0
Random	0	0	449	1	125	0

### CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	Pre-Employment Applicants	Licensee Employees	Contractors Vendors		Pre-Employment Applicants	Licensee Employees	Contractors Vendors
<b>Amphetamine</b>				<b>Opiates</b>			
Amphetamine	0	0	0	Morphine	0	0	0
Methamphetamine	0	0	0	Codeine	0	0	0
				6-Acetylmorphine	0	0	0
<b>Marijuana</b>	0	0	1				
				<b>Adulterated</b>	0	0	0
<b>Cocaine</b>	0	0	0				
				<b>Diluted</b>	0	0	0
<b>Phencyclidine</b>	0	0	0				
				<b>Substituted</b>	0	0	0
<b>Alcohol</b>	0	1	1				

# FITNESS FOR DUTY PROGRAM PERFORMANCE DATA

2011

NUMBER OF SUBVERSION ATTEMPTS BY TYPE							
Type of Subversion Attempt	Selection and Notification	Specimen Collection	Specimen Analysis	Test Result Reporting	Adulterating	Substituting	Other
<b>Number of Subversion Attempts</b>	0	0	0	0	0	0	0
SUMMARY OF MANAGEMENT ACTIONS							
No.	Suspensions (14 Days)	Reason					
0	Marijuana						
0	Cocaine						
No.	EAP Referrals	Reason					
1		One Positive Alcohol BA result					
No.	Follow-up Program	Reason					
2		One Positive Alcohol BA result and One failing to arrive at assigned time for random collection					
No.	Unfavorable Terminations	Reason					
2		One Positive Alcohol result and One Positive Marijuana result					
No.	Appeals	Resolution					
0							
SIGNIFICANT FFD POLICY VIOLATIONS; PROGRAMMATIC FAILURES; DRUG AND ALCOHOL TESTING ERRORS							
EVENT	DATE OF EVENT	DATE REPORTED	REMARKS/CORRECTIVE ACTION				
0							
0							