



**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

22G-13-0001  
GOV-01-55-04  
ACF-13-0067  
February 27, 2013

***CERTIFIED MAIL  
RETURN RECEIPT REQUESTED***

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

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

**Reference: Docket No. 70-143; License SNM-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, 2012, through December 31, 2012.

If you or your staff have any questions, require additional information, or wish to discuss this further, please contact me, or Ms. Marie Moore, Environmental Protection and Industrial Safety Manager, at (423) 743-1737. Please reference our unique document identification number (22G-13-0001) in any correspondence concerning this letter.

Sincerely,

**NUCLEAR FUEL SERVICES, INC.**

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

MPE/jdr

**Enclosure: Fitness for Duty Program Performance Data**

ADZ1  
NMSS01

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  
Senior Project Manager  
Fuel Manufacturing Branch  
Division of Fuel Cycle Safety and Safeguards  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852-2738

Mr. Mark Chitty  
Acting Senior Resident Inspector  
U.S. Nuclear Regulatory Commission

22G-13-0001  
GOV-01-55-04  
ACF-13-0067

**ENCLOSURE**

***Fitness for Duty Program Performance Data***

(3 pages to follow)

**FITNESS FOR DUTY PROGRAM  
PERFORMANCE DATA**

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

Reporting Period:  
January 1, 2012 through December 31, 2012

ATTENTION: Robert C. Birmingham  
Human Relations Director

  
Approval

2-22-13  
Date

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

**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>
<b>Marijuana metabolite</b>				<b>Alcohol</b>	
<b>Cocaine metabolite</b>					
<b>Opiates:</b>				When Donor has been in a work status of at least 1 hour or more at the time the test was concluded	
	Morphine				
	Codeine				
	6-acetylmorphine				
<b>Phencyclidine (PCP)</b>				When Donor has been in a work status of at least 2 hours or more at the time the test was concluded	
<b>Amphetamines:</b>					
	Amphetamine			<u>Cutoff Levels</u>	
	Methamphetamine			Creatinine and Adulterants	
				As defined in 10 CFR 26.161	
				<b>Validity Testing</b>	

**FITNESS FOR DUTY PROGRAM  
PERFORMANCE DATA**

	Pre-Employment Applicants			Licensee Employees			Contractors/Vendors	
CATEGORIES	# Tested	# Positive		# Tested	# Positive		# Tested	# Positive
Pre-Access/RTD	69	0		77	0		107	0
For Cause / BOP	0	0		5	1		2	1
Post Event	0	0		24	0		10	0
Follow-Up	0	0		6	0		0	0
Random	0	0		423	1		135	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	0				
				<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	2	1				



**FITNESS FOR DUTY PROGRAM  
PERFORMANCE DATA**

NUMBER OF SUBVERSION ATTEMPTS BY TYPE													
Type of Subversion Attempt	Selection and Notification		Specimen Collection		Specimen Analysis		Test Result Reporting		Adulterating		Substituting		Other
Number of Subversion Attempts	0		0		0		0		0		0		0

SUMMARY OF MANAGEMENT ACTIONS		
No.	Suspensions (14 Days)	Reason
1	Alcohol	Random Test
No.	EAP Referrals	Reason
1		Positive alcohol BA result
No.	Follow-up Program	Reason
1		Positive alcohol BA result
No.	Unfavorable Terminations	Reason
1		Positive alcohol/ for cause / contractor
1		Positive alcohol / for cause/ employee in Follow-up Program
No.	Appeals	Resolution
0		NA

SIGNIFICANT FFD POLICY VIOLATIONS; PROGRAMMATIC FAILURES; DRUG AND ALCOHOL TESTING ERRORS			
EVENT	DATE OF EVENT	DATE REPORTED	REMARKS/CORRECTIVE ACTION
NA	NA	NA	NA