

JAN 31 2006



LR-N06-0048

United States Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

**SEMI-ANNUAL REPORT OF FITNESS FOR DUTY (FFD) PERFORMANCE DATA  
SALEM AND HOPE CREEK GENERATING STATIONS  
DOCKET NOS. 50-272, 50-311, AND 50-354  
FACILITY OPERATING LICENSE NUMBERS DPR-70, DPR-75, AND NPF-57**

In accordance with the requirements of 10CFR26.71(d), PSEG Nuclear, LLC hereby forwards the attached Fitness For Duty Performance Data Report for the six-month period ending December 31, 2005.

Should you have any questions regarding this report, please contact Paul Duke at (856) 339-1466.

Sincerely,

A handwritten signature in black ink that reads "Darin M. Benyak".

Darin M. Benyak  
Regulatory Assurance Director

Attachment (1)

A021

**JAN 31 2006**

**C** Mr. S. Collins, Administrator - Region I  
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USNRC Senior Resident Inspector - HC (X24)

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### **Random Testing Rate**

Random testing is conducted at an annualized rate of 50%. The random testing rate during this six-month reporting period was 26.6 % (767 random tests conducted with 2891 workers eligible for testing.)

### **Summary of Management Actions**

Suspensions based on presumptive positives: 0

Reportable events: 0

### **Appeals/Resolutions**

During the time period July 1, 2005 to December 31, 2005, two appeals were resolved. One appeal was based on the positive individual's claim that the sample might have been tampered with and the documentation forged. The second appeal was based on a security denial. No appeals resulted in the reversal of the original action.

### **Trends 1990 to Present**

Rare challenges to the accuracy and validity of Department of Health and Human Services (DHHS) laboratory test results.

Rare cases positive for phencyclidine and opiates.

### **Current Reporting Period Observations**

During this reporting period, 48% of confirmed positive test results (11 tests) were attributed to marijuana use, 31% to cocaine use (7 tests), 4% to alcohol use (1 test) and 17% to Amphetamine use (4 tests).

The confirmed alcohol positive test was positive at the NRC cut off level ( $\geq 0.04\%$ ).

One individual was deemed a Refused to Test by the MRO after leaving the collection area prior to providing a urine sample for analysis.

During this six-month period, 27 For-Cause (post accident) tests yielded negative test results.

During this six-month period, 19 For-Cause (observed behavior) tests yielded 1 positive test for a 5% positive rate in this category.

The random category confirmed positive rate for this six-month period was 0.3% (2 positive/767 individuals tested)

### **Correction**

The six-month report submitted for the time period January 1, 2005 to June 30, 2005 contained the following error. A long-term contractor was tested as a return to duty following a positive alcohol test. On the report the test was reported as a follow-up.

### **Confirmation rates**

During the six-month reporting period 9 marijuana cases were screened positive on site. The HHS laboratory for 100% confirmation rate confirmed all 9. Five cocaine cases were screened positive on site. The HHS laboratory for 100% confirmation rate confirmed all 5.

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### **Recommendations**

- Continue to permit /encourage on-site pre-screening.
- Continue to move toward “interchangeability” and mutual acceptance among related Fitness for Duty programs (NRC, DOT, RSPA).

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**FITNESS FOR DUTY PROGRAM  
PERFORMANCE DATA  
PERSONNEL SUBJECT TO 10CFR26**

PSEG Nuclear LLC		12/31/2005	
Company		6 Month Ending	
Salem / Hope Creek Nuclear Plants			
Location			
Cecilia Homan		(856)339-5605	
Contact Name		Phone	
Cutoffs: Screen/Confirmation (ng/ml)		<input type="checkbox"/> Appendix A to 10CFR26	
Marijuana	50/15	Amphetamine	1000/500 N/A N/A
Cocaine	300/150	Phencyclidine	25/25 N/A N/A
Opiates	300/300	Alcohol (%BAC)	0.04% N/A N/A

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access	1758		231		902	
Pre-Access	186	1	81	1	1132	16
For-Cause Post Accident	3	0	11	0	13	0
For-Cause Observed Behavior	10	0	1	0	8	1
Random	460	0	57	0	250	2
Follow-Up	10	0	0	0	14	0
Other	0	0	0	0	0	0
<b>Total</b>	<b>669</b>	<b>1</b>	<b>150</b>	<b>1</b>	<b>1417</b>	<b>19</b>

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**BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES**

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidene	Alcohol S / N	Refusal To Test					
Licensee Employee	0	0	0	0	0	0 1	0					
Long-Term Contractors	1	1	0	0	0	0 0	0					
Short-Term Contractors	10	6	0	4	0	0 0	1					
<b>Total</b>	<b>11</b>	<b>7</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>1</b>					

Total Confirmed Positive Tests For All Specific Substances and Refusals to Test: 24

During this reporting period 21 individuals tested positive for 23 substances. Two individuals were positive for two substances.

KEY: S = SITE LEVEL ALCOHOL & N = NRC LEVEL ALCOHOL