

AUG 25 2005



LR-N05-0430

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 June 30, 2005.

Should you have any further questions regarding this report, please contact Robin Ritzman at (856) 339-1445.

Sincerely,

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

Darin M. Benyak  
Regulatory Assurance Director

Attachment (1)

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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 26.2% (732 random tests conducted with 2796 workers eligible for testing.)

### Summary of Management Actions

Suspensions based on presumptive positives: 0

Reportable events: 2

On January 11, 2005, a licensed operator was selected for random testing. The individual tested positive for cocaine. In accordance with NRC regulations and company policy, access was suspended and an incident report and notification for work review was processed. The operations superintendent was notified and the NRC notification was completed within the 24-hour timeframe. This individual was referred to the employee assistance program (EAP). The individual successfully completed the rehabilitation requirements. The individual returned to work March 28, 2005, with the restriction of no licensed operator duties.

On March 30, 2005, a management/supervisory level employee reported for pre-access testing. The individual tested positive for alcohol above the NRC acceptable cutoff. The individual refused the option of a blood specimen. In accordance with NRC regulations and company policy, access was suspended and an incident report and notification for work review was processed. The operations superintendent was notified and the NRC notification was completed within the 24-hour timeframe. This individual was referred to the employee assistance program (EAP). No information has been made available to EAP in regard to compliance with the recommendations. The individual has not returned to work at Salem/Hope Creek Nuclear Stations.

### Appeals/Resolutions

During the time period January 1, 2005, to June 30, 2005, 3 appeals were resolved. No appeals resulted in the reversal of the original action.

One appeal was the result of an individual requesting the split sample be tested at a second Department of Health and Human Services (DHHS) laboratory. The second laboratory confirmed the presence of the drug. The appeal did not result in the reversal of the original action.

Two appeals resulted from denial based on security issues. Neither resulted in the reversal of the original action.

### Trends 1990 to Present

Rare challenges to the accuracy and validity of DHHS laboratory test results.

Rare cases positive for phencyclidine and opiates.

### Current Reporting Period Observations

During this reporting period, 30% of confirmed positive test results (7 tests) were attributed to marijuana use, 30% to cocaine use (7 tests), 22% to alcohol use (5 tests), 9% to amphetamine use (2 tests), 4% to Opiate use (1 test) and 4% to Phencyclidine use (1 test).

Of the confirmed alcohol positive tests, 60% (3 tests) were positive at the site cut off level ( $\geq 0.02\%$ ) and 40% (2 tests) were positive at the NRC cut off level ( $\geq 0.04\%$ ).

During this six-month period, 26 For-Cause (post accident) tests yielded negative test results.

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During this six-month period, 8 For-Cause (observed behavior) tests yielded negative test results.

The random category confirmed positive rate for this six-month period was 0.41% (3 positive/732 individuals tested)

### Recommendations

- Eliminate the second breath alcohol test when the first is negative. Data from 1989 to present of breath alcohol testing demonstrates equipment sensitivity of 100% (second alcohol test has never been positive after the first breath test was negative.)
- 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		6/30/2005	
Company		6 Month Ending	
Salem / Hope Creek Nuclear Plants			
Location			
Cecilia Homan		(856)339-5605	
Contact Name		Phone	
Cutoffs: Screen/Confirmation (ng/ml)		<input checked="" 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	1787		190		819	
Pre-Access	227	3	95	0	1127	13
For-Cause Post Accident	8	0	9	0	9	0
For-Cause Observed Behavior	0	0	3	0	5	0
Random	489	2	49	1	194	0
Follow-Up	8	0	1	0	13	0
Other	0	0	0	0	0	0
Total	732	5	157	1	1348	13

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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	2	2	0	0	0	0	0					
						1						
Long-Term Contractors	0	0	0	0	0	1	0					
						0						
Short-Term Contractors	5	5	1	2	1	2	0					
						1						
Total	7	7	1	2	1	5	0					

Total Confirmed Positive Tests For All Specific Substances and Refusals to Test: 23

During this reporting period nineteen individuals tested positive for 23 substances. Two individuals were positive for two substances and one was positive for three substances.

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