



AUG 13 2003

LR-N03-0345

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**

Gentlemen:

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, 2003.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Gabor Salamon", written in a cursive style.

Gabor Salamon  
Nuclear Safety and Licensing Manager

Attachment (1)

AOZ1

AUG 13 2003

C Mr. H. J. Miller, Administrator - Region I  
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**FITNESS FOR DUTY PROGRAM  
PERFORMANCE DATA  
PERSONNEL SUBJECT TO 10CFR26**

<b>PSEG Nuclear LLC</b> <hr/> <b>Company</b>  <b>Salem / Hope Creek Nuclear Plants</b> <hr/> <b>Location</b>  <b>Cecilia Homan</b> <hr/> <b>Contact Name</b>	<hr/> <b>06/30/2003</b> <b>6 Month Ending</b>   <hr/> <b>(856)339-5605</b> <b>Phone</b>
<b>Cutoffs: Screen/Confirmation (ng/ml)</b> <span style="float: right;"><input checked="" type="checkbox"/> Appendix A to 10CFR26</span>	
<b>Marijuana</b> 50/15 <b>Amphetamine</b> 1000/500 <u>N/A</u> <u>N/A</u>	
<b>Cocaine</b> 300/150 <b>Phencyclidine</b> 25/25 <u>N/A</u> <u>N/A</u>	
<b>Opiates</b> 300/300 <b>Alcohol (%BAC)</b> 0.04% <u>N/A</u> <u>N/A</u>	

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access	1995		127		394	
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	268	0	44	1	547	2
For-Cause Post Accident	0	0	0	0	1	0
For-Cause Observed Behavior	2	1	0	0	6	1
Random	550	2	21	0	112	0
Follow-Up	13	0	0	0	3	0
Other	1	0	0	0	0	0
Total	834	3	65	1	669	3

## BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidene	Alcohol S / N	Refusal To Test					
Licensee Employee	1	1	0	0	0	0 1	0					
Long-Term Contractors	0	1	0	0	0	0 0	0					
Short-Term Contractors	0	0	0	0	0	1 2	0					
Total	1	2	0	0	0	4	0					

Total Confirmed Positive Tests For All Specific Substances and Refusals to Test: 7

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

### Marijuana Confirmed Positive Tests

Positives screened between 50 and 100 ng/ml: 1

Positives screened  $\geq 100$  ng/ml: 0

### Random Testing Rate

Random testing is conducted at an annualized rate of 50%. The random testing rate during this six-month reporting period was 27.1% (683 random tests conducted with 2516 workers eligible for testing.)

### Summary of Management Actions

Suspensions based on presumptive positives: 0

Reportable events: 0

### Appeals/Resolutions

During the time period January 1, 2003 to June 30, 2003 two appeals were resolved. No appeals resulted in the reversal of the original action.

- Two security appeals resulted from access denial based on a security determination of lack of trustworthiness and reliability. Both appeals were filed by pre-employment candidates for the guard force.

### Trends 1990 to Present

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

### Current Reporting Period Observations

During this reporting period, 14% of confirmed positive test results (1 test) were attributed to marijuana use, 29% to cocaine use (2 tests), and 57% to alcohol use (4 tests).

Of the confirmed alcohol positive tests, 25% (1 test) was positive at the site cut off level ( $\geq 0.02\%$ ) and 75% (3 test) were positive at the NRC cut-off level ( $\geq 0.04\%$ ).

During this six-month period, 1 For-Cause (post accident) test yielded a negative test result.

During this six-month period, 8 For-Cause (observed behavior) tests yielded 2 positive test results, resulting in a 25% positive rate in this category.

The random category confirmed positive rate for this six-month period was 0.3% (2 positives/683 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.) Cost savings would be considerable.
- 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).