

FEB 19 2002



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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 hereby forwards the attached Fitness For Duty Performance Data Report for the six-month period ending December 31, 2001.

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

Sincerely,

A handwritten signature in cursive script that reads "Gabor Salamon".

Gabor Salamon  
Nuclear Safety and Licensing Manager

Attachment (1)

A021

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

<u>PSEG Nuclear LLC</u>	<u>12/31/01</u>
Company	6 Month Ending
<u>Salem / Hope Creek Nuclear Plants</u>	
Location	
<u>Mary Samuels</u>	<u>(609)339-5601</u>
Contact Name	Phone
Cutoffs: Screen/Confirmation (ng/ml) <span style="float: right;"><input type="checkbox"/> Appendix A to 10CFR26</span>	
Marijuana 50/15	Amphetamine 1000/500 <span style="float: right;"><u>N/A</u> <u>N/A</u></span>
Cocaine 300/150	Phencyclidine 25/25 <span style="float: right;"><u>N/A</u> <u>N/A</u></span>
Opiates 300/300	Alcohol (%BAC) 0.04% <span style="float: right;"><u>N/A</u> <u>N/A</u></span>

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access	1928		105		448	
Pre-Access	267	1	13	0	771	14
For-Cause Post Accident	2	0	1	0	1	0
For-Cause Observed Behavior	2	1	1	0	3	1
Random	509	1	16	0	118	2
Follow-Up	16	0	0	0	4	0
Other	0	0	0	0	0	0
<b>Total</b>	<b>796</b>	<b>3</b>	<b>31</b>	<b>0</b>	<b>897</b>	<b>17</b>

## BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidene	Alcohol S / N	Refusal To Test					
Licensee Employee	1	2	0	0	0	1 0	0					
Long-Term Contractors	0	0	0	0	0	0 0	0					
Short-Term Contractors	6	6	0	0	0	1 4	0					
<b>Total</b>	<b>7</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>					

Total Confirmed Positive Tests For All Specific Substances and Refusals to Test: 21

During this reporting period, twenty individuals tested positive for twenty one substances. One individual tested positive for two substances.

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

Marijuana Confirmed Positive Tests:

Positives screened between 50 and 100 ng/ml: 4

Positives screened  $\geq$  100 ng/ml: 3

### **Random Testing Rate**

Random testing is conducted at an annualized rate of 50%. The random testing during this six month reporting period was 25.9% (643 random tests conducted with 2,481 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, 2001 to December 31, 2001, two appeals were pending, and no appeals were resolved.

### **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 six month period, 33% of confirmed positive test results (7 tests) were attributed to marijuana use, 38% to cocaine use (8 tests), and 29% to alcohol use (6 tests).

Thirty-three percent of confirmed positive alcohol test results (2 tests) were positive at the site cut-off level ( $\geq 0.02\%$ ), and 67% of alcohol test results (4 tests) were positive at the NRC cut-off level ( $\geq 0.04\%$ ).

During this six month period, 4 For-Cause (post accident) tests yielded negative test results.

During this six month period, 6 For-Cause (observed behavior) tests yielded 2 confirmed positive tests resulting in a 33% positive rate in this category.

The Random category confirmed positive rate for this six month period was 0.5% (3 positives/643 individuals tested).

### **Recommendations:**

- Eliminate the second breath alcohol test when the first test is negative. Data from eleven years of breath alcohol testing demonstrates equipment sensitivity of 100% (second breath test has never been positive after the first breath test was negative). Cost savings over months to years 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).