



AUG 25 2004  
LR-N04-0339

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**

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, 2004.

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 "Christina L. Perino".

Christina L. Perino  
Director – Nuclear Safety and Licensing

Attachment (1)

A021

AUG 25 2004

Document Control Desk  
LR-N04-0339

-2-

C Mr. S. Collins, Administrator - Region I  
U. S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Mr. D. Collins, Licensing Project Manager  
U. S. Nuclear Regulatory Commission  
Mail Stop 08C2  
Washington, DC 20555

USNRC Senior Resident Inspector - HC (X24)

USNRC Senior Resident Inspector - Salem (X24)

Mr. K. Tosch, Manager IV  
Bureau of Nuclear Engineering  
PO Box 415  
Trenton, NJ 08625

## ATTACHMENT

### 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% (672 random tests conducted with 2523 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, 2004 to June 30, 2004, one appeal was 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.

Rare cases positive for phencyclidine. (One case in 14 years)

### Current Reporting Period Observations

During this reporting period, 25% of confirmed positive test results (1 test) were attributed to marijuana use, 50% to cocaine use (2 tests), and 25% to alcohol use (1 test).

The confirmed alcohol positive test (1 test) was positive at the site cut off level ( $\geq 0.02\%$ ).

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

During this six-month period, 4 For-Cause (observed behavior) tests yielded negative results.

The random category confirmed positive rate for this six-month period was 0.1% (1 positive/672 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).

ATTACHMENT

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

<u>PSEG Nuclear LLC</u> Company  <u>Salem / Hope Creek Nuclear Plants</u> Location  <u>Cecilia Homan</u> Contact Name	<u>6/30/2004</u> 6 Month Ending   <u>(856)339-5605</u> Phone
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR26	
Marijuana    50/15	Amphetamine    1000/500 <u>N/A</u> <u>N/A</u>
Cocaine    300/150	Phencyclidine    25/25 <u>N/A</u> <u>N/A</u>
Opiates    300/300	Alcohol (%BAC)    0.04% <u>N/A</u> <u>N/A</u>

Testing Result	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access	1846		144		533	
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	185	0	42	0	927	3
For-Cause Post Accident	0	0	2	0	2	0
For-Cause Observed Behavior	2	0	0	0	2	0
Random	508	1	25	0	139	0
Follow-Up	12	0	0	0	8	0
Other	0	0	0	0	0	0
Total	707	1	69	0	1078	3

# ATTACHMENT

## BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

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

Total Confirmed Positive Tests For All Specific Substances and Refusals to Test: 4

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

### Marijuana Confirmed Positive Tests

Positives screened between 50 and 100 ng/ml: 0

Positives screened  $\geq$ 100 ng/ml: 1