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LR-N07-0012

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

SALEM AND HOPE CREEK GENERATING STATIONS  
FACILITY OPERATING LICENSE NOS. DPR-70, DPR-75 AND NPF-57  
DOCKET NOS. 50-272, 50-311 AND 50-354

Subject: SEMI-ANNUAL REPORT OF FITNESS FOR DUTY (FFD)  
PERFORMANCE DATA

In accordance with the requirements of 10CFR26.71(d), PSEG Nuclear LLC hereby forwards the enclosed Fitness For Duty Program Performance Data Report for the six-month period ending December 31, 2006.

Should you have any questions concerning this letter, please contact Francis D. Possessky at (856) 339-1160.

Sincerely,

A handwritten signature in cursive script that reads "George Gellrich".

George Gellrich  
Plant Support Manager

Enclosure (1)

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**ENCLOSURE 1**

**FITNESS FOR DUTY PROGRAM  
PERFORMANCE DATA REPORT  
(4 Pages)**

## Enclosure 1

### Random Testing Rate

Random testing is conducted at an annualized rate of 50%. The random testing rate during this six-month reporting period was 25.5% (746 random tests conducted with 2923 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, 2006, to December 31, 2006, there were no appeals

### 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, 10.5% of confirmed positive test results (2 tests) were attributed to marijuana use, 52.6% to cocaine use (10 tests), 10.5% to amphetamine use (2 tests), 10.5% to alcohol use (2 tests), and 15.8% to refusal to test (3 tests).

**NOTE:** One individual confirmed positive for two drugs and another individual verified positive for the blood draw subsequent to a confirmed positive alcohol.

No confirmed alcohol positive tests were positive at the Site cut-off level ( $\geq 0.02\%$  to  $\leq 0.039\%$ ).

Two (2) confirmed alcohol positive tests were positive at the NRC cut-off level ( $\geq 0.04\%$ )

Three (3) individuals were 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, 16 For-Cause (post accident) tests yielded negative test results.

During this six-month period, 11 For-Cause (observed behavior) tests yielded two positive test results.

The random category confirmed positive rate for this six-month period was 0.27% (2 positives/746 individuals tested). **NOTE:** One individual verified positive for the blood draw subsequent to a confirmed positive alcohol.

**Confirmed Rates**

During the current six-month reporting period, i.e., July 2006 – December 2006, three (3) specimens were reported as presumptive positive for marijuana as a result of on site screening. Two (2) of those specimens were confirmed as positive by the HHS certified laboratory. The Medical Review Officer (MRO) verified the two (2) specimens as positive.

During the current six-month reporting period, i.e., July 2006 – December 2006, ten (10) specimens were reported as presumptive positive for cocaine as a result of on-site screening. The ten (10) specimens confirmed positive by the HHS-certified laboratory. The Medical Review Officer (MRO) verified the ten (10) specimens as positive.

**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)

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

<u>PSEG</u>	<u>12/31/2006</u>
Company	6 Month Ending
<u>SALEM - HOPE CREEK</u>	
Location	
<u>Susan Techau</u>	<u>(630)657-2904</u>
Contact Name	Phone
Cutoffs: Screen/Confirmation (ng/ml) <span style="float: right;">Appendix A to 10CFR26</span>	
Marijuana 50/15	Amphetamine 1000/500 <span style="float: right;">N/A N/A</span>
Cocaine 300/150	Phencyclidine 25/25 <span style="float: right;">N/A N/A</span>
Opiates 300/300	Alcohol (%BAC) 0.04% <span style="float: right;">N/A N/A</span>

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access	1585		0		1338	
Pre-Access	171	0	0	0	1209	12
Pre-Access Random	4	0	0	0	13	0
For-Cause Post Accident	3	0	0	0	13	0
For-Cause Observed Behavior	3	1	0	0	8	1
Random	409	0	0	0	337	3
Follow-Up	13	0	0	0	67	0
Other	17	0	0	0	16	2
<b>Total</b>	<b>620</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1663</b>	<b>18</b>

Enclosure 1

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

	Marijuana		Cocaine	Opiates	Amphetamines	Phencyclidene	Alcohol	Refusal To Test	3X Dilute	Adulterated Specimen
	50	100								
Licensee Employee	0	0	1	0	0	0	0	0	0	0
Long-Term Contractors	0	0	0	0	0	0	0	0	0	0
Short-Term Contractors	2	0	9	0	2	0	3	3	0	0
Total	2	0	10	0	2	0	3	3	0	0

Total Confirmed Positive Tests For All Specific Substances, Refusals to Test and Adulterated Specimens: 20