



FEB 27 2008
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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 attached Fitness For Duty Program Performance Data Report for the six-month period ending December 31, 2007.

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

Sincerely,



Carl Fricker
Vice President – Operations Support

Attachment (1)

A021
NRR

C Mr. S. Collins, Administrator - Region I
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U. S. Nuclear Regulatory Commission
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USNRC Senior Resident Inspector - Hope Creek (X24)

USNRC Senior Resident Inspector – Salem (X24)

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PO Box 415
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Cecilia Homan
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Attachment 1

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

**Fitness For Duty Program
Performance Data
Personnel Subject to 10CFR26
(NUMARC Rev. Date 1/92)**

6 Month 07/01/2007 to 12/31/2007

Company PSEG

Location Salem-Hope Creek

Contact Name Cecilia Homan

Phone 8563395605

Cutoffs: Screen / Confirmation (ng/ml)

□ Appendix A to 10CFR26

Marijuana	50 / 15	Amphetamines	1000 / 500
Cocaine	300 / 150	Phencyclidine	25 / 25
Opiates	300 / 300	Alcohol	(.04% BAC)

Average Number with
Unescorted Access

Licensee Employees

Long-Term
Contractor

Short-Term
Contractor

2573

	Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
FOLLOW-UP	25	1	0	0	53	1
FOR CAUSE - OB	2	0	0	0	5	1
FOR CAUSE - PA	8	0	0	0	15	0
PRE-ACCESS	249	2	0	0	983	10
RANDOM	417	2	0	0	270	0
OTHER	7	0	0	0	14	1
PRE-BADGE	0	0	0	0	3	0
Totals:	708	5	0	0	1343	13

Breakdown of Confirmed Positive Tests for Specific Substances

	MARIJUANA	COCAINE	OPIATES	AMPHETAMINES	PCP	ALCOHOL	REFUSED
Long Term Contractor	0	0	0	0	0	0	0
Short Term Contractor	7	5	0	0	0	1	1
Licensee Employee	2	0	0	0	0	3	0
Totals	9	5	0	0	0	4	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 26.7% (687 random tests conducted with 2573 workers eligible for testing.) The random testing rate for the previous six-month period (January 1, 2007 through June 30, 2007) was 26.0% for an annualized rate of 52.7% for 2007.

Summary of Management Actions

Suspensions based on presumptive positives: 0

Reportable events: 1

On October 4, 2007 a pre-access test on a supplemental employee was collected. The Health and Human Services (HHS) laboratory reported a negative result on 10/08/07 using 100 ng/ml cutoff level for Marijuana. Salem/Hope Creek uses the 50 ng/ml cutoff. The error was not detected and the individual was granted access based on the incorrect report. On 10/11/07 an amended report was received using the 50 ng/ml cutoff. The individual was removed from site, a Medical Review Officer (MRO) interview was conducted, unescorted access was denied, NRC was notified, a prompt investigation was performed, and an on-site investigation of HHS laboratory process was performed. The HHS laboratory was replaced at Salem/Hope Creek.

Appeals/Resolutions

During the time period July 31, 2007 to December 31, 2007, two appeals were pending. No appeals were resolved.

Trends 1990 to Present

PSEG has experienced only rare challenges to the accuracy and validity of Department of Health and Human Services (DHHS) laboratory test results. These challenges have been entered into the corrective action program database.

Current Reporting Period Observations

During this reporting period, 47.4% of confirmed positive test results (9 tests) were attributed to marijuana use, 26.3% to cocaine use (5* tests), 21.0% to alcohol use (4 tests), and 5.3% to refusal to test (1 test).

*NOTE: One individual confirmed positive twice on the same collection day due to a diluted specimen and the MRO required an observed 2nd collection.

Two (2) confirmed alcohol tests were positive at the Site cut-off level ($\geq 0.02\%$ $\leq 0.039\%$)

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

One (1) individual was deemed a Refusal to Test by the MRO.

During this six-month period, 23 For-Cause (post accident- events involving property damage or personnel injury) tests yielded negative test results.

During this six-month period, 7 For-Cause (observed behavior) tests yielded one positive test result.

The random category confirmed positive rate for this six-month period was 0.29% (2 positives/687 individuals tested).

Confirmed Rates

PSEG Salem/Hope Creek has discontinued on-site screening.