

FEB 10 2005



LR-N05-0043

United States Nuclear Regulatory Commission
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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
FACILITY OPERATING LICENSE NUMBERS DPR-70, DPR-75, AND NPF-57**

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 December 31, 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
Regulatory Assurance Director

Attachment (1)

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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

Random Testing Rate

Random testing is conducted at an annualized rate of 50%. The random testing rate during this six-month reporting period was 25.7% (747 random tests conducted with 2905 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, 2004 to December 31, 2004, four appeals were resolved. No appeals resulted in the reversal of the original action. All four cases were based on a security review.

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 and opiates.

Current Reporting Period Observations

During this reporting period, 30% of confirmed positive test results (6 tests) were attributed to marijuana use, 50% to cocaine use (10 tests), 15% to alcohol use (3 tests) and 5% to Opiate use (1 test).

The confirmed alcohol positive tests were all 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, 10 For-Cause (observed behavior) tests yielded 2 positive tests for a 20% positive rate in this category.

The random category confirmed positive rate for this six-month period was 0.27% (2 positive/747 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.)
- 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

PSEG Nuclear LLC		12/31/2004	
Company		6 Month Ending	
Salem / Hope Creek Nuclear Plants			
Location			
Cecilia Homan		(856)339-5605	
Contact Name		Phone	
Cutoffs: Screen/Confirmation (ng/ml)		<input checked="" type="checkbox"/> Appendix A to 10CFR26	
Marijuana	50/15	Amphetamine	1000/500 N/A N/A
Cocaine	300/150	Phencyclidine	25/25 N/A N/A
Opiates	300/300	Alcohol (%BAC)	0.04% N/A N/A

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
	Average Number with Unescorted Access					
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	1855		162		888	
Pre-Access	247	1	37	0	1295	13
For-Cause Post Accident	0	0	3	0	1	0
For-Cause Observed Behavior	1	0	1	0	8	2
Random	464	0	34	0	249	2
Follow-Up	6	0	0	0	13	0
Other	0	0	0	0	0	0
Total	718	1	75	0	1566	17

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BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidene	Alcohol S / N	Refusal To Test				
Licensee Employee	0	1	0	0	0	0 0	0				
Long-Term Contractors	0	0	0	0	0	0 0	0				
Short-Term Contractors	6	9	1	0	0	0 3	2				
Total	6	10	1	0	0	3	2				

Total Confirmed Positive Tests For All Specific Substances and Refusals to Test: 22

During this reporting period eighteen individuals tested positive for 20 substances. Two individuals were positive for two substances.

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