



Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038-0236

Nuclear Business Unit

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LR-N00033

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), Public Service Electric and Gas Company (PSE&G), hereby forwards the attached FFD Performance Data Report for the six month period ending December 31, 1999.

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 "Gabor Salamon for CS".

Gabor Salamon
Licensing Manager

Attachment (1)

Random Testing Rate

Random testing is conducted at an annualized rate of 50%. The random testing during this six month reporting period was 26.2% (691 random tests conducted with 2,634 workers eligible for testing).

Summary of Management Actions

Suspensions based on presumptive positives: 0

Reportable events: 1

On August 25, 1999, an observed odor of alcohol on a management employee prompted a "For Cause" evaluation. The individual tested positive for alcohol at 0.06%. In accordance with company policy and NRC requirements, access was suspended. The individual was immediately referred to the Employee Assistance Program. An incident report was processed, the Operations Superintendent was notified, and NRC notification was completed within the required 24 hour timeframe. Return-to-work testing following the suspension period yielded a negative breath alcohol result, and the individual is participating in the Three Year Follow-up Program.

Appeals/Resolutions:

During the time period July 1, 1999 to December 31, 1999, one appeal was pending, and no appeals were resolved.

Trends 1990 to Present

- Opiates: No MRO positives since the Fitness for Duty rule went into effect.
- PCP: No positives during the last eight years.
- 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, 50% of confirmed positive test results were attributed to marijuana use, 21% to cocaine use, and 29% to alcohol use.
- Seventy-five percent of confirmed positive alcohol test results were positive at the site cut-off level (0.02%), while 25% of alcohol test results were positive at the NRC cut-off level ($\geq 0.04\%$).
- During this six month period, 17 For-Cause (post accident) tests yielded no positive test results, while 11 For-Cause (observed behavior) tests yielded 1 confirmed positive test result (9%).
- During this six month period, the Random Category positive rate was 0.3% (2 positives/691 individuals tested).

Recommendations:

- Eliminate the second breath alcohol test when the first test is negative. Data from ten 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).

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

<u>Public Service Electric Gas Company</u>	12/31/1999
Company	6 Month Ending
<u>Salem / Hope Creek Nuclear Plants</u>	
Location	
<u>Mary Samuels</u>	(609)339-5601
Contact Name	Phone
Cutoffs: Screen/Confirmation (ng/ml) 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	2109		120		405	
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	211	2	10	0	826	9
For-Cause Post Accident	10	0	2	0	5	0
For-Cause Observed Behavior	7	1	2	0	2	0
Random	569	2	8	0	114	0
Follow-Up	21	0	0	0	3	0
Other	0	0	0	0	0	0
Total	818	5	22	0	950	9

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidene	Alcohol S / N	Refusal To Test		
Licensee Employee	1	1	0	0	0	2 1	0		
Long-Term Contractors	0	0	0	0	0	0 0	0		
Short-Term Contractors	6	2	0	0	0	1 0	2		
Total	7	3	0	0	0	4	2		

Total Confirmed Positive Tests For All Specific Substances and Refusals to Test: 16

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