



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

Nuclear Business Unit

**AUG 5 1999**

LR-N99351

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 June 30, 1999.

Should you have any further questions regarding this report, please contact Robin Ritzman at (856) 339-1445.

Sincerely,

Gabor Salamon  
Licensing Manager

*10/21/11*

Attachment (1)

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The power is in your hands.

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

Mr. R. Ennis, Licensing Project Manager – Hope Creek  
U. S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike  
Mail Stop 8B1  
Rockville, MD 20852

Mr. P. Milano, Licensing Project Manager - Salem  
U. S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike  
Mail Stop 8B1  
Rockville, MD 20852

USNRC Senior Resident Inspector

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

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

<u>Public Service Electric Gas Company</u>		6/30/99			
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) <input 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	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access	2211		136		775	
Pre-Access	250	2	11	0	1053	11
For-Cause Post Accident	5	0	1	0	14	0
For-Cause Observed Behavior	14	3	1	0	7	1
Random	658	2	16	0	187	1
Follow-Up	23	0	0	0	4	0
Other	0	0	0	0	0	0
<b>Total</b>	<b>950</b>	<b>7</b>	<b>29</b>	<b>0</b>	<b>1265</b>	<b>13</b>

## BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidene	Alcohol S / N	Refusal To Test					
Licensee Employee	3	2	0	0	0	3	0					
						0						
Long-Term Contractors	0	0	0	0	0	0	0					
						0						
Short-Term Contractors	7	4	0	0	0	1	0					
						1						
Total	10	6	0	0	0	5	0					

Total Confirmed Positive Tests For All Specific Substances and Refusals to Test: 21\*

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

\* Twenty individuals were positive for twenty one substances; one individual was positive for more than one substance.

### Random Testing Rate

Random testing is conducted at an annualized rate of 50%. The random testing during this six month reporting period was 27.6% (861 random tests conducted with 3,122 workers eligible for testing).

### Summary of Management Actions

Suspensions based on presumptive positives: 0

Reportable events: 1

On January 25, 1999, an observed odor of alcohol on a licensed operator prompted a request for a "For Cause" evaluation. The individual tested positive for alcohol at 0.02%. In accordance with company policy, access was suspended for 24 hours. Return-to-work testing following the suspension period yielded a negative breath alcohol test result. This individual was not performing licensed duties at the time of the incident, and did not enter the protected area. He had been assigned to the Nuclear Training Center for operator requalification training. Since the alcohol test result was considered positive under PSE&G company policy, an incident report was processed, the Operations Superintendent on shift was notified, and NRC notification was completed within the required 24 hour timeframe.

### Appeals/Resolutions

During the time period January 1, 1999 to June 30, 1999, one appeal was resolved. This appeal did not result in reversal of the original action.

One appeal resulted from an access denial based on a security determination of lack of trustworthiness and reliability.

### Trends: 1990 to Present

- Opiates: No MRO positives since the Fitness for Duty rule went into effect.
- PCP: No positives during the last seven and one half years.
- Rare challenges to the accuracy and validity of Department of Health and Human Services (DHHS) laboratory test results.

### Current Reporting Period Observations

- The increase in confirmed positive test results during this six-month period (from 8 in the previous period to 21 in the current period) was primarily due to increased in-processing of short-term contractors for two (2) scheduled outages during this timeframe.
- During this six-month period, 48% of confirmed positive test results were attributed to marijuana use, 28% to cocaine use, and 24% to alcohol use.
- Eighty percent of confirmed positive alcohol test results were positive at the site cut-off level (0.02%), while 20% of alcohol test results were positive at the NRC cut-off level ( $\geq 0.04\%$ ).

- During this six month period, 20 For-Cause (post accident) tests yielded no positive test results, while 22 For-Cause (observed behavior) tests yielded 4 confirmed positive test results (18%).
- During this six month period, the Random Category positive rate was 0.4% (3 positives / 861 individuals tested.).

**Recommendations:**

- Eliminate the second breath alcohol test when the first test is negative. After greater than 118,000 breath tests, equipment sensitivity of 100% has been demonstrated (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).