



South Carolina Electric & Gas Company  
P.O. Box 88  
Jenkinsville, SC 29065  
(803) 345-4040

John L. Skolds  
Vice President  
Nuclear Operations

February 24, 1993  
Refer to: RC-93-0052

Document Control Desk  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Gentlemen:

Subject: VIRGIL C. SUMMER NUCLEAR STATION  
DOCKET NO. 50/395  
OPERATING LICENSE NO. NPF-12  
FITNESS FOR DUTY - SEMIANNUAL REPORT

As required by 10CFR26.71(d), attached is the Virgil C. Summer Nuclear Station Fitness for Duty Report for the period from July 1, 1992, to December 31, 1992. This report includes the required test results and data analyses and a summary of management actions taken as a result of the testing.

Should you have any questions, please call at your convenience.

Very truly yours,

John L. Skolds

SBR:ld  
Enclosure

c: O. W. Dixon  
R. R. Mahan  
R. J. White  
S. D. Ebner  
G. F. Wunder  
General Managers  
NRC Resident Inspector  
J. B. Knotts Jr.  
H. L. O'Quinn  
W. H. Johnson  
R. E. Enkebol  
NSRC  
RTS (SA-100)  
File (818.02-20)

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AO21

# Fitness for Duty Program Performance Data Personnel Subject to 10 CFR 26

South Carolina Electric & Gas Company	December 31, 1992
Company	6 Months Ending
V. C. Summer Nuclear Station, Jenkinsville, SC	
Location	
Harry O'Quinn/Janet Thiel	(803) 345-4153/345-4272
Contact Name	Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR 26	
Marijuana      50/10      Amphetamines      1000/500      Barbiturates      200/200	
Cocaine      300/150      Phencyclidine      25 /25      Benzodiazepines      300/300	
Opiates      300/300      Alcohol (%BAC)      .04      Methaqualone      750/200	

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		886		314		13	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		44	0	41	0	99	1
For Cause	Post accident	0	0	0	0	0	0
	Observed behavior	0	0	0	0	0	0
Random		470	7	128	1	1	0
Follow-up		0	0	0	0	0	0
Other		118	1	36	0	0	0
Total		632	1	205	1	100	1

## Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	Barbiturates	Benzodiazepines	Methaqualone	
Licensee Employees	0	1	0	0	0	0	0	0	0	0	
Long-Term Contractors	0	0	0	0	0	1	0	0	0	0	
Short-Term Contractors	0	0	0	0	0	1	0	0	0	0	A
Total	0	1	0	0	0	2	0		0	0	3

**V. C. SUMMER NUCLEAR STATION FITNESS FOR DUTY SUMMARY**  
**10 CFR 26.71 (d) REQUIREMENTS**  
**FOR**  
**JULY 1, 1992 - DECEMBER 31, 1992**

**MANAGEMENT ACTIONS**

**A. Positive Test Results:**

There were a total of three confirmed positive test results during this reporting period. These results and subsequent management actions can be categorized as follows:

1. One confirmed positive random breath analysis test for alcohol occurred involving a contractor who was assigned to the Virgil C. Summer Nuclear Station, but did not possess unescorted access authorization to the protected area or Emergency Operations Facility. Disciplinary action was taken against the individual.
2. One confirmed positive pre-access breath analysis test for alcohol occurred on a contractor. This individual was counseled regarding SCE&G policy on alcohol consumption of the Virgil C. Summer Nuclear Station, and was allowed to retest at a later date.
3. One confirmed positive test for drugs in the "Other" test category resulted in permanent revocation of that individual's unescorted access authorization and termination of employment with SCE&G.

**B. Split Samples:**

One split sample was shipped to the back-up laboratory for testing during this reporting period, but due to a concern about the legibility of information on the bottle label, test results were not considered. Instead, the aliquot was transferred from the primary laboratory to the back-up laboratory for testing. The aliquot tested positive at the back up laboratory, and the test was declared confirmed positive by the Medical Review Officer.

**C. Direct Observation Collections:**

The Medical Review Officer requested direct observation collection for an individual due to creatinine and specific gravity abnormalities. This direct observation collection was accomplished after approval by the Manager, Nuclear Protection Services. The second sample was declared confirmed positive for drugs by the Medical Review Officer.

## DATA ANALYSIS

### A. Random Testing:

There were 599 random tests conducted this reporting period, resulting in 1 confirmed positive test result which constitutes a positive random test rate of .17% . The total number of random tests for 1992 was 1270 with an average population of 1214, resulting in an annual random testing rate of 104.6% . There were 67 random collections performed on back shift, weekends, and holidays during this reporting period.

### B. Additional Substances/Lower Cut Off Levels:

The additional substances and lower cut-off level for marijuana used by SCE&G did not result in any additional confirmed positive results for this reporting period.

### C. Blind Performance Testing:

During the third quarter of 1992, there were 481 genuine specimens and 60 blind performance test specimens submitted to the primary testing laboratory. The number of blind performance specimens submitted is equivalent to 12.47% of the number of genuine specimens submitted. In the fourth quarter of 1992, there were 456 genuine specimens and 60 blind performance test specimens submitted to the primary testing laboratory. The number of blind performance specimens submitted is equivalent to 13.16% of the number of genuine specimens submitted.

In both quarters, the percentage of positive and negative blind performance specimens submitted was 20% and 80%, respectively. All drugs tested by our program were included in the positive.

There was one discrepant result. This is discussed in the "Reportable Events" section.

## REPORTABLE EVENTS

There was one reportable event involving a false negative blind performance test specimen. The specimen had in fact tested positive for opiates, but was not reported as positive due to an oversight by data reviewers in which they failed to manually post the result. The laboratory took corrective action by counseling all data reviewers on the importance of ensuring that results are posted correctly.

## SUMMARY

SCE&G believes the low percentage of confirmed positive test results indicate a low degree of substance abuse at the Virgil C. Summer Nuclear Station. Providing a work environment free from the effects of substance abuse at the Virgil C. Summer Nuclear Station remains a high priority of SCE&G.



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REV.1/92



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