



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

John L. Skolds  
Vice President  
Nuclear Operations

AUG 20 1992

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 January 1, 1992, to June 30, 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

DWF:JT:lcd  
Enclosure

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

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**V. C SUMMER NUCLEAR STATION FITNESS FOR DUTY SUMMARY  
10 CFR 26.71 (d) REQUIREMENTS  
FOR  
JANUARY 1, 1992 - JUNE 30, 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 test for drugs resulted in permanent revocation of that individual's unescorted access authorization and termination of employment with SCE&G.
2. One confirmed positive random breath analysis test for alcohol resulted in temporary suspension of that individual's unescorted access authorization. The individual was counseled regarding SCE&G policy on alcohol consumption at the Virgil C. Summer Nuclear Station prior to reinstatement of unescorted access authorization. Disciplinary action was taken against the individual.
3. One confirmed positive pre-employment test for drugs resulted in termination of consideration for employment with SCE&G. This individual will not be given consideration for unescorted access authorization to Virgil C. Summer Nuclear Station in the future.

**B. Split Samples:**

One split sample was shipped to the back up laboratory for testing during this reporting period. The split sample tested positive, and the test was declared confirmed positive by the Medical Review Officer.

**C. Direct Observation Collections:**

The Medical Review Officer requested direct observation collections for two individuals due to creatinine and specific gravity abnormalities. These direct observation collections were accomplished after approval by the Manager, Nuclear Protection Services. No further abnormalities were noted by the Medical Review Officer, and all test results were declared negative.

### DATA ANALYSIS

#### A. Random Testing:

There were 671 random tests conducted this reporting period, resulting in 2 confirmed positive test results which constitutes a positive random test rate of .3%. The total average population during this period was 1212 resulting in an overall random testing rate of 55.36%. There were 66 random collections performed on back shift, weekends, and holidays.

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

The additional substances and lower cutoff 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 first quarter of 1992, there were 515 genuine specimens and 60 blind performance test specimens submitted to the primary testing laboratory. The number of blind performance specimens submitted is equivalent to 11.65% of the number of genuine specimens submitted. In the second quarter of 1992, there were 475 genuine specimens and 60 blind performance test specimens submitted to the primary testing laboratory. The number of blind performance specimens submitted is equivalent to 12.63% 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 blind performance specimens submitted. There were no discrepant results.

### REPORTABLE EVENTS

There was one reportable event involving a confirmed positive test result on a supervisor. The Nuclear Regulatory Commission was notified by telephone within 24 hours of the event.

### SUMMARY

The two confirmed positive random test results and one confirmed positive pre-employment test result received during this reporting period indicate a low degree of substance abuse at the Virgil C. Summer Nuclear Station. SCE&G remains committed to providing a work environment free from the effects of substance abuse at the Virgil C. Summer Nuclear Station.

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

South Carolina Electric & Gas Company

Company

June 30, 1992

6 Months Ending

V. C. Summer Nuclear Station, Jenkinsville, SC

Location

Harry O'Quinn/Janet Thiel

Contact Name

(803) 345-4153/345-4272

Phone (include area code)

Cutoffs: Screen/Confirmation (ng/ml)     Appendix A to 10CFR 26

Marijuana	50/10	Amphetamines	1000/500	<u>Barbiturates</u>	200/200
Cocaine	300/150	Phencyclidine	25 /25	<u>Benzodiazepines</u>	300/300
Opiates	300/300	Alcohol (%BAC)	.04	<u>Methaqualone</u>	750/200

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		868		338		6	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		85	1	65	0	15	0
For Cause	Post accident	2	0	0	0	0	0
	Observed behavior	0	0	0	0	0	0
Random		479	2	190	0	2	0
Follow-up		1	0	0	0	0	0
Other		117	0	34	0	0	0
Total		684	3	289	0	17	0

REV.1/92

**Breakdown of Confirmed Positive Tests for Specific Substances**

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

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