SCE&G
A SCANA COMPANY

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

Gentlemen:

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

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As required by 10CFR26.71(d), attached is the Virgil C. Summer Nuclear Station's Fitness for Duty Report for the period from July 1, 1999 to December 31, 1999. This report includes the required test results, data analyses and a summary of management actions taken as a result of the testing.

Should you have any questions, please call Mrs. Janet Thiel (803-345-4272) at your convenience.

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Very truly yours,

Kenneth W. Nettles

RAM/KWN/mb
Attachment

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RTS (RR 2000)
File (818.02-20)
DMS (RC-00-0041)

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FITNESS FOR DUTY PROGRAM
PERFORMANCE DATA
PERSONNEL SUBJECT TO 10CFR 26

South Carolina Electric & Gas Company
Company

December 31, 1999
6 Months Ending

V. C. Summer Nuclear Station, Jenkinsville, SC
Location

Leslie Hipp/Janet Thiel
Contact Name

(803)345-4705/345-4272
Phone (include area code)

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

Marijuana	50 / 10	Amphetamines	1000 / 500
Cocaine	300 / 150	Phencyclidine	25 / 25
Opiates	300 / 300	Alcohol (% BAC)	.04

Testing Results		**Licensee Employees**		**Long-Term Contractor Personnel**		**Short-Term Contractor Personnel**	
Average Number with Unescorted Access		**711**		**163**		**87**	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		11	0	30	0	6	0
For Cause	**Post accident**	**0**	**0**	**0**	**0**	**0**	**0**
	Observed behavior	**0**	**0**	**0**	**0**	**0**	**0**
Random		192	0	45	0	7	0
Follow-up		4	0	0	0	0	0
Other		2	0	5	0	7	0
Total		209	0	80	0	20	0

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	Marijuana*	Cocaine	Opiates	Amphe-tamines	Phency-clidine	Alcohol	Refusal to Test	Adulterated / Substituted	
Licensee Employees	0 / 0	0	0	0	0	0	0	0	
Long-Term Contractors	0 / 0	0	0	0	0	0	0	0	
Short-Term Contractors	0 / 0	0	0	0	0	0	0	0	A
Total	0 / 0	0	0	0	0	0	0	0	0

*Lower cut off levels than Appendix A to 10 CFR26 required. Upper number represents total number of confirmed positives per population group while the lower number indicates how many of these positives were detected due to lower cut off level.

V. C. SUMMER NUCLEAR STATION FITNESS FOR DUTY SUMMARY
10 CFR 26.71(d) REQUIREMENTS
FOR
JULY 01, 1999 – DECEMBER 31, 1999

MANAGEMENT ACTIONS

A. Positive Test Results:

There were no confirmed positive tests during this reporting period.

B. Split Samples:

There were no split samples sent during this reporting period.

C. Direct Observation Collections:

There were four direct observation collections performed at the request of the Medical Review Officer. No unusual findings were reported.

DATA ANALYSIS

A. Random Testing:

There were 244 random tests conducted during this reporting period, with no confirmed positive test results. This constitutes a positive random test rate of 0%. There were 503 random tests conducted in 1999 with an average population of 961, resulting in an annual random testing rate of 52.34%.

There were 54 random collections performed on back shift, weekends, and holidays during this reporting period.

B. Lower Cut-off Levels:

The lower cut-off level for marijuana resulted in no additional confirmed positive tests.

C. **Blind Performance Testing:**

During the third quarter of 1999, there were 146 genuine specimens and 20 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance rate of 13.70%. In the fourth quarter of 1999, there were 138 genuine specimens and 15 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance test rate of 10.87%.

During the third quarter of 1999, there were 6 genuine specimens and 5 blind performance test specimens submitted to the back-up laboratory, which constitutes a blind performance test rate of 83.33%. In the fourth quarter of 1999, there were 19 genuine specimens and 10 blind performance test specimens submitted to the back-up testing laboratory, which constitutes a blind performance test ration of 52.63%.

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 specimens. There were no discrepant test results.

D. **Population Groups:**

No confirmed positive test results during this reporting period.

E. **Contractor/Vendor Programs:**

There were no pre-access tests conducted by contractors/vendors with approved fitness for duty programs during this reporting period.

REPORTABLE EVENTS

There were no reportable events for this reporting period.

SUMMARY

The absence of any confirmed positive tests for this reporting period is indicative of the low rate of substance abuse among personnel enrolled in the V. C. Summer Nuclear Station Fitness for Duty Program. Maintaining an effective Fitness for Duty Program in order to provide a work environment free from the effects of drugs and alcohol remains a high priority for SCE&G.