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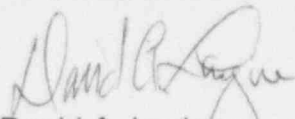
Gentlemen:

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's Fitness for Duty Report for the period from July 1, 1996 to December 31, 1996. 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.

Very truly yours,



David A. Lavigne

RAM/DAL/nkk  
Enclosure

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NUCLEAR EXCELLENCE - A SUMMER TRADITION!

**V.C. SUMMER NUCLEAR STATION FITNESS FOR DUTY SUMMARY**  
**10 CFR 26.71 (d) REQUIREMENTS**  
**FOR**  
**JULY 1, 1996 - DECEMBER 31, 1996**

**MANAGEMENT ACTIONS**

**A. Positive Test Results:**

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

**1. Pre-access Tests:**

There was one confirmed positive pre-access test for drugs involving a contractor. In this case, appropriate management personnel were notified that this individual would not be granted unescorted access authorization and would not be eligible for retesting.

**2. Other Tests:**

There was one confirmed positive "other category" test for drugs involving a contractor. In this case, this individual was tested for an unbadged status, meaning the individual would not have unescorted access authorization but would be eligible for random testing while assigned to V.C. Summer Nuclear Station. The appropriate management personnel were notified that this individual would not be eligible for employment or unescorted access at V.C. Summer Nuclear Station.

**B. Split Samples:**

No split samples were shipped.

**C. Direct Observation Collections:**

There was one direct observation collection performed during this reporting period. The test was conducted at the request of the Medical Review Officer due to abnormal specific gravity and creatinine levels. No unusual findings were noted.

**DATA ANALYSIS**

**A. Random Testing:**

There were 227 random tests conducted during this reporting period with no confirmed positive tests. There were 573 random tests conducted in 1996 with an

average population of 1043, resulting in an annual random testing rate of 54.94%. Of the 573 random tests, 68 were conducted during backshifts and holidays.

B. Additional Substances/Lower Cut-off Levels:

There were no additional confirmed positive results received for benzodiazepines or barbiturates. The lower cut-off level for marijuana resulted in no additional confirmed positive tests.

Due to the low confirmed positive rate of benzodiazepines and barbiturates, SCE&G management is considering dropping these two additional drugs from testing and test only for the substances required by 10 CFR 26, Appendix A.

C. Blind Performance Testing:

During the third quarter of 1996, there were 144 genuine specimens and 20 blind performance test specimens submitted to the testing laboratory, which constitutes a blind performance test rate of 13.89%. In the fourth quarter of 1996, there were 131 genuine specimens and 15 blind performance test specimens submitted to the testing laboratory, which constitutes a blind performance test rate of 11.45%.

In both quarters, the percentage of positive and negative blind performance specimens submitted was 20% and 80%, respectively. All drugs tested by our drug panel were included in the positive specimens. There were no discrepant results.

D. Population Groups:

One long-term contractor was responsible for a confirmed positive test result for drugs during this reporting period. This individual did not have unescorted access authorization. One short-term contractor was responsible for a confirmed positive test result for drugs during this reporting period. This individual did not have unescorted access authorization.

E. Contractor/Vendor Programs:

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

**REPORTABLE EVENTS**

There were no reportable events this reporting period.

## SUMMARY

The absence of confirmed positive random tests this reporting period and the low rate of confirmed positive random tests during 1996 is indicative of a 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.

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

South Carolina Electric & Gas Company <div style="text-align: center;">Company</div>	December 31, 1996 <div style="text-align: center;">6 Months Ending</div>
V. C. Summer Nuclear Station, Jenkinsville, SC <div style="text-align: center;">Location</div>	
Harry O'Quinn/Janet Thiel <div style="text-align: center;">Contact Name</div>	(803) 345-4153/345-4272 <div style="text-align: center;">Phone (include area code)</div>
Cutoffs:      Screen/Confirmation (ng/ml) <input type="checkbox"/> 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	

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		741		187		114	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		11	0	11	1	5	0
For Cause	Post accident	0	0	0	0	0	0
	Observed behavior	0	0	0	0	0	0
Random		171	0	48	0	8	0
Follow-up		5	0	3	0	0	0
Other		2	0	1	0	10	1
Total		189	0	63	1	23	1

### BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

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

\*Lower cut off levels than Appendix A to 10 CFR 26 requires. Upper number in column represents total number of confirmed positives per population group while the lower number indicates how many of those positives were detected due to lower cut-off level.