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February 23, 1998
RC-98-0030

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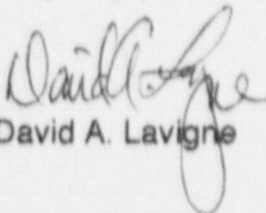
Gentlemen:

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, 1997 to December 31, 1997. 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

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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, 1997 - DECEMBER 31, 1997**

MANAGEMENT ACTIONS

A. Positive Test Results:

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

1. Pre-access Tests:

There were seven confirmed positive tests for drugs involving contractors. In these cases, appropriate management personnel were notified that these individuals would not be granted unescorted access authorization and would not be eligible for retesting. There was one confirmed positive test for alcohol involving a contractor. Appropriate management personnel were notified and this individual was allowed to retest the following week after counseling. This individual's supervisor was notified in order to place increased emphasis on continued behavioral observation.

2. Random Tests:

There was one confirmed positive random test for drugs involving an SCE&G licensed reactor operator. All appropriate management personnel were notified and the NRC was notified within 24 hours. This individual's unescorted access has been permanently revoked and employment with SCE&G terminated.

3. Other Tests:

There was one confirmed positive other test for drugs involving a contractor. This was an unbadged contractor applying for work on SCE&G property at V. C. Summer Nuclear Station. Appropriate contractor management personnel were notified that this individual would not be eligible for employment or unescorted access authorization at V. C. Summer Nuclear Station.

4. Follow-up Tests:

There was one confirmed positive follow-up test for alcohol involving an SCE&G licensed reactor operator. All appropriate management personnel were notified and the NRC was notified within 24 hours. This individual's unescorted access was temporarily suspended and this individual was suspended without pay for two weeks. Also, this individual is subject to increased follow-up testing and has been temporarily reassigned to the training department outside of the protected area.

B. Split Samples:

No split specimens were shipped to the back-up laboratory for testing during this reporting period.

C. Direct Observation Collections:

There were five direct observation collections performed at the request of the Medical Review Officer due to abnormal adulteration test results. No unusual findings were reported.

There was one direct observation requested due to a low temperature on a urine specimen. No unusual findings were reported.

DATA ANALYSIS

A. Random Testing:

There were 284 random tests conducted during this reporting period, with one confirmed positive result. This constitutes a positive random test rate of .35% for this reporting period. There were 543 random tests conducted in 1997 with an average population of 990, resulting in an annual random testing rate of 54.85%.

There were 67 random collections performed on backshift, 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 1997, there were 614 genuine specimens and 70 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance rate of 11.40%. In the fourth quarter of 1997, there were 237 genuine specimens and 30 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance test rate of 12.66%.

During the third quarter of 1997, there were 56 genuine specimens and 10 blind performance test specimens submitted to the back-up laboratory, which constitutes a blind performance rate of 17.86%. In the fourth quarter of 1997, there were 16 genuine specimens and 5 blind performance test specimens submitted to the back-up testing laboratory, which constitutes a blind performance test ratio of 31.25%.

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:

Two permanent SCE&G employees tested confirmed positive during this reporting period. One tested confirmed positive for drugs, resulting in termination of employment. The other tested confirmed positive for alcohol. This individual's unescorted access was suspended and a mandatory referral was made to the Employee Assistance Program, along with some additional actions.

A long term contractor was responsible for a confirmed positive for drugs. This individual did not have unescorted access and will not be eligible for unescorted access in the future.

Seven short term contractors were responsible for confirmed positives for drugs. These individuals did not have unescorted access and their access has been permanently revoked. One short term contractor tested confirmed positive for alcohol. This individual did not have unescorted access at the time of the test and was allowed to retest at a later date after counseling. This individual's supervisor was notified in order to place increased emphasis on continued behavioral observation.

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 two reportable events during this reporting period. Both involved two licensed reactor operators. One was confirmed positive for drugs on a random test and the other was confirmed positive for alcohol on a follow-up test. Disciplinary actions taken are specified in the Management Actions section of the report. Both events were reported within 24 hours.

SUMMARY

The low confirmed positive random test rate 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**

<u>South Carolina Electric & Gas Company</u> Company	<u>December 31, 1997</u> 6 Months Ending
<u>V. C. Summer Nuclear Station, Jenkinsville, SC</u> Location	
<u>Harry O'Quinn/Janet Thiel</u> Contact Name	<u>(803) 345-4153/345-4272</u> Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> 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	
		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access		719		179		90	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		17	0	16	1	540	7
For Cause	Post accident	0	0	0	0	0	0
	Observed behavior	0	0	0	0	0	0
Random		199	1	52	0	33	0
Follow-up		48	1	0	0	0	0
Other		2	0	3	0	10	1
Total		266	2	71	1	593	8

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	Marijuana *	Cocaine	Opiates	Amphe- tamines	Phency- clidine	Alcohol	Refusal to Test	
Licensee Employees	1 / 0	0	0	0	0	1	0	
Long-Term Contractors	0 / 0	1	0	0	0	0	0	
Short-Term Contractors	7 / 0	0	0	0	0	1	0	A
Total	8 / 0	1	0	0	0	2	0	11

*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.