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

Ladies and 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 through December 31, 2007. 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 Mr. George Fricks at (803)-345-4413.

Very truly yours,



David A. Lavigne

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Attachment

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A021
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**FITNESS FOR DUTY PROGRAM
PERFORMANCE DATA
PERSONNEL SUBJECT TO 10CFR 26**

<u>South Carolina Electric & Gas Company</u> Company		<u>December 31, 2007</u> 6 Months Ending
<u>V. C. Summer Nuclear Station, Jenkinsville, SC</u> Location		
<u>Gregg Douglass / George Fricks</u> Contact Name		<u>803-345-4567/345-4413</u> Phone (include area code)
Cutoffs:	Screen/Confirmation (ng/ml)	
Marijuana	50/10	Alcohol (%BAC) .04
Cocaine	300/150	.03 ≥ one hour on duty
Opiates	300/300	.02 ≥ two hours on duty
Amphetamines	1000/500	
Phencyclidine	25/25	

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		743		227		63	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		43	0	23	2	39	0
For Cause	Post accident	0	0	0	0	0	0
	Observed behavior	3	0	2	0	0	0
Random		197	1	61	1	12	0
Follow-up		3	0	4	0	3	0
Other		3	0	3	1	1	0
Total		249	1	93	4	55	0

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	Marijuana*	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	Adulterated Substituted	
Licensee Employees	0 / 0	0	0	0	0	1	0	0	
Long-Term Contractors	3 / 0	0	0	0	0	0	0	1	
Short-Term Contractors	0 / 0	0	0	0	0	0	0	0	
Total	3 / 0	0	0	0	0	1	0	1	5

*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.

*Note: one individual is responsible for two above test.

**V.C SUMMER NUCLEAR STATION FITNESS FOR DUTY SUMMARY
10 CFR 26.71(D) REQUIREMENTS
JULY 01, 2007 – DECEMBER 31, 2007**

MANAGEMENT ACTIONS

A. Positive Test Results:

There were four confirmed positive tests and one test that was declared confirmed substituted/adulterated by the Medical Review Officer (MRO) during this reporting period. These results and subsequent management actions can be categorized as follows:

1. Pre-access Tests:

There was one long-term contractor that tested confirmed positive for drugs. In this case, appropriate management personnel were notified that this individual would not be granted unescorted access authorization and would not be eligible to apply in the future.

Another long-term contractor tested confirmed substituted/adulterated and confirmed positive for drugs. This individual presented a specimen on a pre-access test that was below the acceptable specimen temperature reading. As a result, the MRO requested an additional test be conducted under direct observation, which was approved by management. This direct observation collection (described in section A.3 of this report) led to a confirmed positive test for drugs. The original pre-access test was declared confirmed substituted/adulterated. Appropriate management personnel were notified that this individual would not be granted unescorted access authorization and would not be eligible to apply in the future.

2. Random Tests:

There was one permanent (SCE&G) employee that tested confirmed positive for alcohol on a random test. This individual's unescorted access authorization was suspended and appropriate management personnel were notified. This individual was referred to the Employee Assistance Program (EAP) and an assessment by the company psychologist was conducted. This individual tested negative, was placed into the follow-up program and subsequently had unescorted access reinstated.

One long-term contractor tested confirmed positive for drugs on a random test. This individual did not have unescorted access authorization and all appropriate management personnel were notified. This individual was prohibited from working on SCE&G property at V. C. Summer Nuclear Station.

3. Other Tests:

The long-term contractor who submitted a pre-access test specimen with a lower than acceptable temperature (section A.1, paragraph 2) was subjected to a direct observation collection per the requirements of the V. C. Summer Fitness for Duty Program. This specimen was declared confirmed positive for drugs by the MRO and, as previously noted, this individual would not be granted unescorted access authorization and would not be eligible to apply in the future.

B. Split Samples:

There was one split sample sent to the back-up laboratory for testing at the direction of the MRO following a request by the donor. The split sample tested positive for drugs and was declared confirmed positive by the MRO.

C. Direct Observations:

There were two direct observations performed at the request of the MRO. One direct observation resulted in a confirmed positive test for drugs. The second direct observation reported no unusual findings.

D. For-Cause Tests:

During this reporting period, there were five for-cause tests conducted. Three of the tests were conducted on permanent employees due to human performance issues. All three tests were negative.

There were two for-cause tests conducted on long-term contractors for inattentiveness for duty. Both test reported negative.

E. Special Testing:

One long-term contractor voluntarily admitted a concern about potential abuse of prescription synthetic opiates. This individual's unescorted access was suspended while he underwent treatment, then he was evaluated by a clinical psychologist and the MRO. This individual tested negative, and was then enrolled in a follow-up testing program with a test panel that included synthetic opiates and methadone. Unescorted access was then reinstated.

DATA ANALYSIS

A. Random Testing:

There were 270 random tests conducted during this reporting period with two confirmed positive test. This constitutes a positive random test rate of .74%. The average population for this reporting period was 1050, resulting in a random test rate of 25.7% for this period and 52.2% for the year. Of the 270 random tests, 21 were performed on back-shift, weekends or holidays.

B. Lower Cut-off Levels:

No confirmed positives were detected due to the lower cut-off levels for marijuana.

C. Blind Performance Testing:

During the third quarter of 2007, there were 190 genuine specimens and 30 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance test rate of 15.79%. In the fourth quarter of 2007, there were 209 genuine specimens and 25 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance test rate of 11.96%.

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

D. Population Groups:

(1) One permanent (SCE&G) employee badged for unescorted access tested confirmed positive for alcohol on a random test during this reporting period.

(2) There were three long-term contractors responsible for three confirmed positive tests for drugs and one substitution/adulteration:

- One long-term contractor who worked at the site but was not badged for unescorted access tested confirmed positive for drugs on a random test.
- One long-term contractor who was applying for unescorted access tested confirmed positive for drugs on a pre-access test.
- One long-term contractor who was applying for unescorted access tested confirmed adulterated/substituted on a pre-access test, and subsequently tested confirmed positive for drugs on an "other" category direct observation test.

REPORTABLE EVENTS

There were no reportable events during this reporting period.

SUMMARY

In conclusion, as indicated by the low rate of substance abuse among personnel at V. C. Summer Nuclear Station, SCE&G maintains an effective Fitness for Duty Program. Providing a work environment free from the effects of drugs and alcohol remains a high priority for SCE&G.