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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

As required by 10CFR26.71(d), attached is the Virgil C. Summer Nuclear Station's Fitness for Duty Report for the period from January 1, 2001 to June 30, 2001. 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 Ms. Janet Thiel (803-345-4272) at your convenience.

Very truly yours,



Kenneth W. Nettles

SBR/KWN/sr  
Attachment

c: N. O. Lorick  
S. A. Byrne  
N. S. Cams  
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R. J. White  
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NSRC  
RTS (0L-99-0402)  
File (818.02-20, RR 2000)  
DMS (RC-01-0147)

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

<u>South Carolina Electric &amp; Gas Company</u> Company	<u>June 30, 2001</u> 6 Months Ending
<u>V. C. Summer Nuclear Station, Jenkinsville, SC</u> Location	
<u>Leslie Hipp/Janet Thiel</u> Contact Name	<u>(803)345-4705/345-4272</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	
Average Number with Unescorted Access	684		152		81	
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	25	1	17	2	50	0
For Cause	Post accident	0	0	0	0	0
	Observed behavior	0	0	0	0	0
Random	178	0	33	0	17	1
Follow-up	4	0	0	0	0	0
Other	12	0	2	0	0	0
<b>Total</b>	<b>219</b>	<b>1</b>	<b>52</b>	<b>2</b>	<b>67</b>	<b>1</b>

**BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES**

	Marijuana*	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	Adulterated Substituted	
Licensee Employees	1 / 0	0	0	0	0	0	0	0	
Long-Term Contractors	1 / 0	1	0	0	0	0	0	0	
Short-Term Contractors	0 / 0	0	0	0	0	1	0	0	<b>A</b>
<b>Total</b>	2 / 0	1	0	0	0	1	0	0	<b>4</b>

\*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  
JANUARY 1, 2001 – JUNE 30, 2001**

**MANAGEMENT ACTIONS**

**A. Positive Test Results:**

There were a total of four 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 permanent employee and two long-term contractor employees that tested confirmed positive for drugs during this reporting period. In all cases, these individuals were denied unescorted access authorization and would not be eligible for retesting.

**2. Random Tests:**

There was one confirmed positive random test for alcohol involving a short-term contractor. This individual's unescorted access authorization was suspended and the individual was referred to the company psychologist for further assessment.

**B. Split Samples:**

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

**DATA ANALYSIS**

**A. Random Testing:**

There were 228 random tests conducted during this reporting period with one confirmed positive test. This constitutes a positive random test rate of .44%. The average population for this reporting period was 919; resulting in a random test rate of 26.27%. Of the 228 random tests, 13 were performed on back-shift, weekends, or holidays.

**B. Lower Cut-off Levels:**

There were no additional confirmed positive tests due to the lower cut-off level for marijuana.

**C. Blind Performance Testing:**

During the first quarter of 2001, there were 189 genuine specimens and 30 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance test rate of 15.87%. In the second quarter of 2001, there were 149 genuine specimens and 20 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance test rate of 13.42%.

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:**

There was one confirmed positive test for drugs (pre-access) involving a permanent employee during this reporting period. This individual was not allowed unescorted access authorization.

Contractors accounted for three confirmed positive tests during this reporting period. Two long-term contractors tested positive for drugs (pre-access). One short-term contractor tested confirmed positive for alcohol (random) the two long-term contractors were not allowed unescorted access authorization and the short-term contractor was referred to the company psychologist.

### **REPORTABLE EVENTS**

There were no reportable events during this reporting period.

### **SUMMARY**

In conclusion, as a result of the low rate of substance abuse among personnel enrolled at the 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.