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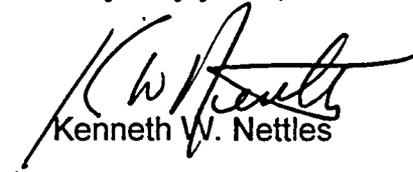
Ladies and Gentlemen:

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 January 1 to June 30, 2006. 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. Judy Wasieczko (803-345-4564) at your convenience.

Very truly yours,



Kenneth W. Nettles

SBR/KWN/sr  
Attachment

c: Mr. K. B. Marsh  
Mr. S. A. Byrne  
Mr. N. S. Carns  
Mr. T. G. Eppink (w/o Attachment)  
Mr. R. J. White  
Mr. W. D. Travers  
Mr. R. E. Martin  
NRC Resident Inspector

Ms. K. M. Sutton  
Mr. M. P. Findlay  
Ms. M. D. Sumner  
NSRC  
RTS (L-99-0402)  
File (818.02-20, RR 2000)  
DMS (RC-06-0156)

A021

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

<u>South Carolina Electric &amp; Gas Company</u> Company	<u>JUNE 30, 2006</u> 6 Months Ending
<u>V. C. Summer Nuclear Station, Jenkinsville, SC</u> Location	
<u>MARK FINDLAY / JUDY WASIECZKO</u> Contact Name	<u>803-345-4186/345-4564</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	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access	735		192		58	
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	40	0	18	1	21	0
For Cause	Post accident	1	0	1	0	0
	Observed behavior	2	0	3	0	0
Random	202	0	49	1	13	0
Follow-up	3	0	0	0	0	0
Other	5	0	3	0	2	0
Total	253	0	74	2	36	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	2 / 0	0	0	0	0	0	0	0	
Short-Term Contractors	0 / 0	0	0	0	0	0	0	0	
<b>Total</b>	2 / 0	0	0	0	0	0	0	0	<b>2</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  
JANUARY 01, 2006 – JUNE 30, 2006**

**MANAGEMENT ACTIONS**

**A. Positive Test Results:**

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

**1. Pre-access Test:**

**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 for rehire.**

**2. Random Test:**

**There was one long-term contractor that tested confirmed positive for drugs on a random test. This individual's unescorted access authorization and employment was terminated and appropriate management personnel were notified.**

**B. Split Samples:**

**There was one split sample sent at the request of the Medical Review Officer to the back-up laboratory for testing. In this case, the split sample tested positive and was declared confirmed positive by the Medical Review Officer.**

**C. Direct Observations:**

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

**D. For-Cause Test:**

**During this reporting period, there were seven For-Cause tests conducted. Two tests were conducted on permanent employees for observed behavior and one was conducted on a permanent employee for post-accident. All tests were negative.**

**Three long-term contractors were tested For-Cause due to observed behavior and one long-term contractor was tested due to post-accident. All tests were negative.**

**DATA ANALYSIS**

**A. Random Testing:**

**There were 264 random tests conducted during this reporting period with one confirmed positive test. This constitutes a positive random test rate of .38 %. The average population for this reporting period was 985; resulting in a random test rate of 26.8 %. Of the 264 random tests, 11 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 first quarter of 2006, there were 190 genuine specimens and 25 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance test rate of 13.16%. In the second quarter of 2006, there were 173 genuine specimens and 25 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance test rate of 14.45%.**

**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 were two long-term contractors who tested confirmed positive for drugs. One long-term contractor tested confirmed positive for drugs on a random test. This individuals unescorted access authorization and employment was terminated. The other long-term contractor tested confirmed positive on a pre-access test and was not allowed unescorted access authorization.**

**REPORTABLE EVENTS**

**There were no reportable events.**

**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.**