

Kenneth W. Nettles  
General Manager, Nuclear Support Services  
803.345.4752



August 25, 2004

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 January 1 to June 30, 2004. 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: N. O. Lorick  
S. A. Byrne  
N. S. Carns  
T. G. Eppink (w/o Attachment)  
R. J. White  
W. D. Travers  
K. R. Cotton  
NRC Resident Inspector  
K. M. Sutton

M. Findlay  
H. C. Lyons  
J. W. Davis  
NSRC  
RTS (0-L-99-0402)  
File (818.02-20, RR 2000)  
DMS (RC-04-0134)

A021

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

<u>South Carolina Electric &amp; Gas Company</u> Company	<u>JUNE 30, 2004</u> 6 Month 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) <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	731		188		25	
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	27	0	24	0	28	1
For Cause	Post accident	0	2	0	0	0
	Observed behavior	0	0	0	0	0
Random	197	2	43	0	4	0
Follow-up	7	0	0	0	0	0
Other	9	0	2	0	0	0
<b>Total</b>	<b>243</b>	<b>2</b>	<b>89</b>	<b>0</b>	<b>32</b>	<b>1</b>

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

	Marijuana*	Cocaine	Opiates	Amphe- tamines	Phency- clidine	Alcohol	Refusal to Test	Adulterated Substituted	
Licensee Employees	1 / 1	0	0	0	0	1	0	0	
Long-Term Contractors	0 / 0	0	0	0	0	0	0	0	
Short-Term Contractors	1 / 0	0	0	0	0	0	0	0	
<b>Total</b>	<b>2 / 1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3</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 FITNES FOR DUTY SUMMARY  
10 CFR 26.71(d) REQUIREMENTS  
FOR  
JANUARY 01, 2004 – JUNE 30, 2004**

**MANAGEMENT ACTIONS**

**A. Positive Test Results:**

**There were three 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 short-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 were two confirmed positive random test involving permanent employees.**

**One test involved a permanent employee who tested confirmed positive for drugs. This individual's unescorted access authorization and employment was terminated and appropriate management personnel were notified.**

**There was one confirmed positive random test for alcohol involving a permanent employee. This individual reported to the EOF and did not have unescorted access authorization. This person was referred to the Employee Assistance Program.**

**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 was one direct observation performed at the request of the Medical Review Officer. No unusual findings were reported.**

**D. For-Cause Test:**

**There were five For-Cause tests conducted during this reporting period. Three tests were conducted on permanent employees for various injuries. All tests were negative.**

**Two long-term contractors were tested For-Cause due to personnel injury and both tests were negative.**

**DATA ANALYSIS**

**A. Random Testing:**

**There were 244 random tests conducted during this reporting period with two confirmed positive tests. This constitutes a positive random test rate of .82 %. The average population for this reporting period was 944; resulting in a random test rate of 25.84 %. Of the 244 random tests, 16 were performed on back-shift, weekends or holidays.**

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

**There was one confirmed positive test due to the lower cut-off level for marijuana.**

**C. Blind Performance Testing:**

**During the first quarter of 2004, there were 169 genuine specimens and 25 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance test rate of 14.79 %. In the second quarter of 2004, there were 180 genuine specimens and 25 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance test rate of 13.89 %.**

**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 confirmed positive tests involving permanent employees during this reporting period. One permanent employee tested confirmed positive for drugs and this individual's unescorted access authorization and employment was terminated. The second permanent employee tested confirmed positive for alcohol but did not have unescorted access authorization.**

**There was one short-term contractor who tested confirmed positive for drugs 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 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.**