

Kenneth W. Nettles
General Manager, Nuclear Support Services
803 345 4752



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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 to December 31, 2002. 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
T. G. Eppink (w/o Attachment)
R. J. White
L. A. Reyes
K. R. Cotton
NRC Resident Inspector
K. M. Sutton

L. C. Hipp
H. C. Lyons
R. E. Enkeboll
NSRC
RTS (0-L-99-0402)
File (818.02-20, RR 2000)
DMS (RC-03-0045)

A021

**V.C. SUMMER NUCLEAR STATION FITNESS FOR DUTY SUMMARY
10 CFR 26.71(d) REQUIREMENTS
FOR
JULY 01, 2002 – DECEMBER 31, 2002**

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 permanent employee that tested confirmed positive for alcohol. 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. Other Test:

There was one permanent employee that tested confirmed positive for drugs. This individual was denied unescorted access authorization and would not be eligible for retesting.

B. Split Samples:

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

C. For-Cause Test:

There were three For-Cause tests conducted during this reporting period. One test resulted from a permanent employee showing reasonable suspicion. This individual tested negative.

There were two long-term contractors tested For-Cause because of on-site vehicle accidents involving human performance failure. In both cases, each individual tested negative.

DATA ANALYSIS

A. Random Testing:

There were 239 random tests conducted during this reporting period with no confirmed positive tests. This constitutes a positive random test rate of 0%. There were 483 random tests conducted in 2002 with an average population of 948, resulting in an annual random testing rate of 51%.

There were 40 random collections performed on back shift, weekends, and holidays during this reporting period.

B. Lower Cut-off Level:

The lower cut-off level for marijuana resulted in no confirmed positive tests.

C. Blind Performance Testing:

During the third quarter of 2002, there were 159 genuine specimens and 25 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance test rate of 15.72%. In the fourth quarter of 2002, 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%.

During the third quarter of 2002, there were 0 genuine specimens and 0 blind performance test specimens submitted to the back-up laboratory. During the fourth quarter of 2002, there were 0 genuine specimens and 0 blind performance specimens submitted to the back-up laboratory for testing.

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 pre-access permanent employees were responsible for confirmed positive tests during this reporting period. Neither individual held unescorted access authorization at the time of testing.

REPORTABLE EVENTS

There were no reportable events during this reporting period.

SUMMARY

The absence of any confirmed positive random tests during this reporting period 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 10CFR 26**

<u>South Carolina Electric & Gas Company</u> Company	<u>December 31, 2002</u> 6 Months Ending
<u>V. C. Summer Nuclear Station, Jenkinsville, SC</u> Location	
<u>Janet Thiel</u> Contact Name	<u>(803) 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						
Pre-Access	23	1	25	0	19	0
For Cause	Post accident	0	0	2	0	0
	Observed behavior	1	0	0	0	0
Random	187	0	42	0	10	0
Follow-up	6	0	2	0	0	0
Other	2	1	3	0	1	0
Total	219	2	74	0	30	0

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	Marijuana*	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	
Licensee Employees	1 / 0	0	0	0	0	1	0	
Long-Term Contractors	0 / 0	0	0	0	0	0	0	
Short-Term Contractors	0 / 0	0	0	0	0	0	0	A
Total	1 / 0	0	0	0	0	1	0	2

*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.