



August 24, 2000
RC-00-0287

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

Gentlemen:

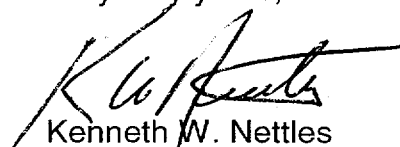
Kenneth W. Nettles
General Manager
Nuclear Support Services
803.345.4752

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, 2000 to June 30, 2000. 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
T. G. Eppink (w/o Attachment)
R. J. White
L. A. Reyes
K. R. Cotton
NRC Resident Inspector
J. B. Knotts, Jr.

L. C. Hipp
J. W. Stroud
R. E. Enkeboll
NSRC
RTS (RR 2000, 99-402)
File (818.02-20)
DMS (RC-00-0287)

A021

NUCLEAR EXCELLENCE - A SUMMER TRADITION!

South Carolina Electric & Gas Co
Virgil C. Summer Nuclear Station
P. O. Box 88
Jenkinsville, South Carolina
29065

803.345.4344
803.345.5209
www.scana.com

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

<u>South Carolina Electric & Gas Company</u> <div style="text-align: center;">Company</div>	<u>June 30, 2000</u> <div style="text-align: center;">6 Months Ending</div>
<u>V. C. Summer Nuclear Station, Jenkinsville, SC</u> <div style="text-align: center;">Location</div>	
<u>Leslie Hipp/Janet Thiel</u> <div style="text-align: center;">Contact Name</div>	<u>(803)345-4705/345-4272</u> <div style="text-align: center;">Phone (include area code)</div>

Cutoffs: Screen/Confirmation (ng/ml) ☐ 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		701		163		33	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		25	1	19	1	17	0
For Cause	Post accident	0	0	0	0	0	0
	Observed behavior	0	0	0	0	0	0
Random		180	3	47	0	7	1
Follow-up		2	0	0	0	0	0
Other		13	1	16	0	1	1
Total		220	5	82	1	25	2

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	Marijuana*	Cocaine	Opiates	Amphetamine	Phencyclidine	Alcohol	Refusal to Test	Adulterated Substituted	
Licensee Employees	2 / 0	0	0	0	0	3	0	0	
Long-Term Contractors	0 / 0	1	0	0	0	0	0	0	
Short-Term Contractors	0 / 0	0	0	0	0	2	0	0	A
Total	2 / 0	1	0	0	0	5	0	0	8

*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
10CFR26.71(d) REQUIREMENTS
FOR
JANUARY 1, 2000 – JUNE 30, 2000**

MANAGEMENT ACTIONS

A. Positive Test Results:

There were a total of eight confirmed positive test results during this reporting period. These results and subsequent management actions can be categorized as follows:

1. Pre-access Tests:

There were two confirmed positive pre-access tests during this reporting period. Specific actions taken were as follows:

One test involved a long-term contractor who tested confirmed positive for drugs. Appropriate management personnel were notified that this individual would not be granted unescorted access and would not be eligible for retesting.

The other test involved a permanent employee who tested confirmed positive for alcohol on a “return to duty” pre-access test subsequent to a confirmed positive random test for alcohol. Appropriate management personnel were notified, and this individual’s unescorted access authorization was permanently revoked.

2. Random Tests:

There were four confirmed positive random tests during this reporting period. Specific actions taken were as follows:

One test involved a permanent employee who tested confirmed positive for drugs. Unescorted access authorization was terminated and appropriate management personnel were notified.

Breath analysis testing resulted in three confirmed positive random tests for alcohol involving two permanent employees and one short-term contractor. Both permanent employees had their unescorted access authorization suspended and appropriate management personnel were notified. Both employees were referred to the Employee Assistance Program. One permanent employee subsequently tested negative and was reinstated. The other permanent employee was tested with results and actions as noted in Section A-1, paragraph 3.

The short-term contractor who tested confirmed positive for alcohol on a random test did not have unescorted access to V. C. Summer Nuclear Station. Following the

test, this individual was suspended from working on SCE&G property and appropriate management personnel were notified. Prior to lifting the suspension, this individual was tested with results and actions as noted in Section A-3, paragraph 3.

3. Other Tests:

There were two confirmed positive "other" category tests during this reporting period. Specific actions taken were as follows:

One test involved a permanent employee applicant who tested confirmed positive for drugs. This individual was applying for work on SCE&G property at V. C. Summer Nuclear Station. Appropriate management personnel were notified that this individual would not be eligible for employment or future unescorted access at V. C. Summer Nuclear Station.

The other test involved a short-term contractor who did not have unescorted access. This individual tested positive for alcohol on a "return to duty" test conducted as a result of a previous confirmed positive for alcohol on a random test. This individual requested a blood specimen be taken; the laboratory reported that this specimen tested positive for alcohol, and the test was declared confirmed positive. Appropriate management personnel were notified and this individual was terminated from the site.

B. Split Samples:

There was one split sample shipped to the back-up laboratory for testing during this reporting period. The split sample tested positive and was declared confirmed positive by the Medical Review Officer.

C. Direct Observation:

There were three direct observation collections performed at the request of the Medical Review Officer. These collections were conducted due to abnormal adulteration tests. All test results for the direct observations were declared negative.

DATA ANALYSIS

A. Random Testing:

There were 234 random tests conducted during this reporting period with four confirmed positive tests. This constitutes a positive random test rate of 1.7%. The average population for this reporting period was 898; resulting in a random test rate of 26.06%. Of the 234 random tests, 19 were performed on back-shift, weekends, or holidays.

B. Additional Substances/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 2000, there were 148 genuine specimens and 20 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance test rate of 13.51%. In the second quarter of 2000, there were 156 genuine specimens and 20 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance test rate of 12.82%

In the first quarter of 2000, there were 11 genuine specimens and 5 blind performance test specimens submitted to the back-up laboratory, which constitutes a blind performance test rate of 45.45%. During the second quarter of 2000, there were 12 genuine specimens and 5 blind performance test specimens submitted to the back-up laboratory, which constitutes a blind performance test ratio of 41.67%.

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 five confirmed positive tests for permanent employees during this reporting period. Two of these tests were for drugs (one random and one "other" category) and three were for alcohol (one pre-access and two random).

Contractors accounted for three confirmed positive tests during this reporting period. One long-term contractor tested positive for drugs (pre-access). Two short-term contractors tested positive for alcohol (one random and one "other" category).

E. Contractor/Vendor Programs:

There were no pre-access tests conducted by contractors/vendors with approved fitness for duty programs during this reporting period.

REPORTABLE EVENTS

There were no reportable events during this reporting period.

SUMMARY

The low rate of 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.