



March 2, 2009

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

Dear Sir / Madam:

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, 2008. 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 Mr. George Fricks at (803)-345-4413.

Very truly yours,



David A. Lavigne

SBR/DAL/dr
Attachment

c: K. B. Marsh
S. A. Byrne
N. S. Carns
J. H. Hamilton, Jr.
R. J. White
K. J. Browne
L. A. Reyes
R. E. Martin

NRC Resident Inspector
K. M. Sutton
G. G. Douglass
M. D. Sumner
NSRC
RTS (LTD 328)
File (818.02-20, RR 2000)
PRSF (RC-09-0023)

A021
NR

**V.C SUMMER NUCLEAR STATION FITNESS FOR DUTY SUMMARY
10 CFR 26.71(D) REQUIREMENTS
JULY 01, 2008 – DECEMBER 31, 2008**

MANAGEMENT ACTIONS

A. Positive Test Results:

There were three confirmed positive tests during this reporting period. These results and subsequent management actions are categorized as follows:

1. Random Tests:

One permanent employee tested confirmed positive for alcohol. In this case, the individual requested a blood test which also tested confirmed positive for alcohol. This was the employee's second confirmed positive test for alcohol in his career at V. C. Summer Nuclear Station. Appropriate management personnel were notified and this individual's unescorted access authorization was permanently revoked.

One permanent employee tested confirmed positive for drugs. Appropriate management personnel were notified and this individual's unescorted access authorization was permanently revoked.

One long term contractor tested confirmed positive for drugs. Appropriate management personnel were notified and this individual's unescorted access authorization was permanently revoked.

B. Split Samples:

There were no split samples sent to the back-up laboratory for testing during this reporting period.

C. Direct Observations:

There were two direct observations performed at the request of the Medical Review Officer (MRO) due to low creatinine. Both direct observations resulted in negative test results.

D. For-Cause Tests:

During this reporting period, there were five for-cause tests conducted:

- One permanent employee and one long term contractor were tested for observed behavior. In both cases, test results were negative.
- Three long term contractors were tested post accident. In all three cases, test results were negative.

DATA ANALYSIS

A. Random Testing:

There were 431 random tests conducted during this reporting period with three confirmed positive tests. This constitutes a positive random test rate of 0.7%. The average population for this reporting period was 1116 resulting in a random test rate of 38.62% for this period. Of the 431 random tests, 37 were performed on back-shift, weekends or holidays. For the year 2008, the overall random testing rate was 66.94%.

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 third quarter of 2008, there were 294 genuine specimens and 30 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance test rate of 10.20%. In the fourth quarter of 2008, there were 253 genuine specimens and 30 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance test rate of 11.86%.

In both quarters, the percentage of positive and negative blind performance specimens submitted was 20% and 80%, respectively. All drugs included in our routine test panel were included in the positive specimens. There were no discrepant test results.

D. Population Groups:

- One permanent employee was responsible for a confirmed positive test for alcohol on a random test.
- One permanent employee was responsible for a confirmed positive test for drugs on a random test.
- One long term contractor was responsible a confirmed positive test for drugs on a random test.

REPORTABLE EVENTS

There were no reportable events during this reporting period.

SUMMARY

In conclusion, SCE&G maintains an effective Fitness for Duty Program as indicated by the low rate of substance abuse among V. C. Summer Nuclear Station personnel. Providing 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, 2008</u> 6 Months Ending
<u>V. C. Summer Nuclear Station, Jenkinsville, SC</u> Location	
<u>Gregg Douglass / George Fricks</u> Contact Name	<u>803-345-4567/345-4413</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	780		117		219	
Pre-Access	59	0	6	0	18	0
For Cause	0	0	3	0	0	0
	1	0	1	0	0	0
Random	311	2	94	1	26	0
Follow-up	9	0	1	0	0	0
Other	6	0	4	0	8	0
Total	386	2	109	1	52	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	1	0	0	0	1	0	0	
Long-Term Contractors	1 / 0	0	0	0	0	0	0	0	
Short-Term Contractors	0 / 0	0	0	0	0	0	0	0	
Total	1 / 0	1	0	0	0	1	0	0	3

*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.