



February 26, 2007

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 to December 31, 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. J. H. Hamilton, Jr.
Mr. R. J. White
Mr. W. D. Travers
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Ms. K. M. Sutton
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NSRC
RTS (L-99-0402)
File (818.02-20, RR 2000)
DMS (RC-07-0030)

A021

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

<u>South Carolina Electric & Gas Company</u> Company	<u>December 31, 2006</u> 6 Months Ending
<u>V. C. Summer Nuclear Station, Jenkinsville, SC</u> Location	
<u>Gregg Douglass / Judy Wasieczko</u> Contact Name	<u>803-345-4567/345-4564</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	
Average Number with Unescorted Access		738		203		152	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		36	0	31	2	624	12
For Cause	Post accident	1	0	1	0	0	0
	Observed behavior	0	0	0	0	1	0
Random		214	0	52	0	61	0
Follow-up		2	0	0	0	4	0
Other		1	0	0	0	4	1
Total		254	0	84	2	694	13

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	Marijuana*	Cocaine	Opiates	Amphetamines	Phencyclidine	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	5 / 0	8	0	0	0	1	0	1	
Total	7 / 0	8	0	0	0	1	0	1	17

*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.

Note – One individual tested confirmed positive for multiple drugs.

**V.C. SUMMER NUCLEAR STATION FITNESS FOR DUTY SUMMARY
10 CFR 26.71 (d) REQUIREMENTS
JULY 01, 2006 – DECEMBER 31, 2006**

MANAGEMENT ACTIONS

A. Positive Test Results:

Fifteen personnel tested confirmed positive during this reporting period. Of these fifteen personnel, one individual tested confirmed positive for two substances, and another individual submitted a substituted specimen in addition to the specimen testing positive. Results and subsequent management actions can be categorized as follows:

1. Pre-access Test:

Thirteen contractors tested confirmed positive for drugs. One of these individuals was positive for two substances. Another individual submitted a substituted specimen prior to collection of a positive second specimen. In all thirteen cases, appropriate management personnel were notified that these individuals would not be granted unescorted access authorization and would not be eligible for retesting.

One contractor tested confirmed positive for alcohol. All appropriate management personnel were notified that this individual would not be granted unescorted access authorization and would not be eligible for retesting.

2. Other Test:

There was one other test that tested confirmed positive for drugs. This contractor was tested under direct observation as a result of a previous pre-access test. All appropriate management personnel were notified that this individual would not be granted unescorted access authorization and would not be eligible for retesting.

3. Adulterated/Substituted:

As previously mentioned in the Pre-access Test section of this report, a contractor submitted a substituted specimen and a subsequent confirmed positive specimen on a pre-access test as determined by the Medical Review Officer. This individual presented a specimen to the collection site person above the allowable temperature limit. An additional specimen was collected under direct observation and tested confirmed positive for drugs. This person did not have unescorted

access authorization and all appropriate management personnel were notified.

B. Split Samples:

Seven split samples were sent to the back-up laboratory for testing at the request of the Medical Review Officer. In all cases, the split samples were reconfirmed positive by the Medical Review Officer.

C. For- Cause Tests:

Three for-cause tests were conducted during this reporting period. One test resulted from a permanent employee having a vehicle accident. This individual tested negative.

There were two for-cause tests conducted on contractors. One contractor was involved in a vehicle accident and the other contractor was tested because the odor of alcohol was detected on the individual. Both individuals tested negative.

D. Direct Observations:

There were two direct observation test performed, one directed by management due to specimen temperature outside the normal range and the other at the request of the Medical Review Officer. One short term contractor tested confirmed positive for drugs. This individual did not have unescorted access authorization. The second direct observation resulted in no unusual findings.

DATA ANALYSIS

A. Random Testing:

There were 327 random tests conducted during this reporting period with no confirmed positive tests. This constitutes a positive random test rate of 0%. There were 592 random tests conducted in 2006 with an average population of 1094, resulting in a random testing rate of 54.11%.

There were 55 random collections performed on backshift, weekends, and holidays during this reporting period.

B. Lower Cut-off Levels:

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

C. Blind Performance Testing:

During the third quarter of 2006, there were 575 genuine specimens and 70 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance testing rate of 12.17%. In the fourth quarter of 2006, there were 473 genuine specimens and 60 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance testing rate of 12.68%.

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

Fifteen contractor personnel tested confirmed positive during this reporting period. These individuals did not have unescorted access authorization.

Two long-term contractors tested confirmed positive for drugs on pre-access tests.

Ten short-term contractors tested confirmed positive for drugs on pre-access tests. One of these contractors tested confirmed positive for multiple drugs.

One short-term contractor tested confirmed positive for drugs on an "other" test. This individual was tested under direct observation as a result of there previous pre-access test.

One short-term contractor tested confirmed positive for alcohol on a pre-access test.

One short term contractor submitted a substituted specimen and a subsequent confirmed positive specimen on a pre-access test as determined by the Medical Review Officer. This individual presented a specimen to the collection site person above the allowable temperature limit. An additional specimen was collected under direct observation and tested confirmed positive for drugs.

REPORTABLE EVENTS

There were no reportable events during this reporting period.

SUMMARY

In conclusion, as a result of the low rate of substance abuse among personnel enrolled 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.