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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, 2005. 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. N. O. Lorick
Mr. S. A. Byrne
Mr. N. S. Carns
Mr. J. H. Hamilton (w/o Attachment)
Mr. R. J. White
Mr. W. D. Travers
Mr. R. E. Martin
NRC Resident Inspector

Ms. K. M. Sutton
Mr. M. P. Findlay
Ms. M. D. Sumner
NSRC
RTS (L-99-0402)
File (818.02-20, RR 2000)
DMS (RC-06-0037)

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**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>V. C. Summer Nuclear Station, Jenkinsville, SC</u> <div style="text-align: center;">Location</div> <u>Mark Findlay / Judy Wasieczko</u> <div style="text-align: center;">Contact Name</div>	<u>December 31, 2005</u> <div style="text-align: center;">6 Months Ending</div> <u>803-345-4186/345-4564</u> <div style="text-align: center;">Phone (include area code)</div>
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		727		205		162	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		28	0	5	0	52	0
For Cause	Post accident	0	0	5	0	0	0
	Observed behavior	0	0	0	0	0	0
Random		207	0	54	1	21	0
Follow-up		2	0	0	0	0	0
Other		5	0	4	0	6	1
Total		242	0	68	1	79	1

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

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

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*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
10 CFR 26.71(d) REQUIREMENTS
JULY 01, 2005 – DECEMBER 31, 2005**

MANAGEMENT ACTIONS

A. Positive Test Results:

There were two confirmed positive tests for drugs during this reporting period. These results and subsequent management actions can be categorized as follows:

1. Other 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 allowed to work at V.C. Summer Nuclear Station and would not be eligible for rehire. This individual did not have unescorted access.

2. Random Test:

There was one long-term contractor that tested confirmed positive for drugs. This individual's unescorted access authorization was terminated and appropriate management personnel were notified. This contractor's unescorted access authorization has been permanently revoked at V.C. Summer.

B. Split Samples:

There were no split samples sent to the back-up laboratory for testing.

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 Tests:

Five For-Cause tests were conducted during this reporting period. All five tests were post accident involving long-term contractors. All tests were negative.

DATA ANALYSIS

A. Random Testing:

There were 282 random tests conducted during this reporting period with one confirmed positive test. This constitutes a positive random test rate of .35%. There were 585 random tests conducted in 2005 with an average population of 1095, resulting in an annual random testing rate of 53.42%.

There were 36 random collections performed on back shift, 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 2005, there were 209 genuine specimens and 25 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance testing rate of 11.96%. In the fourth quarter of 2005, there were 194 genuine specimens and 25 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance testing rate of 12.89%.

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 one short-term contractor and one long-term contractor during this reporting period. One contractor tested confirmed positive on an "other" test and did not have unescorted access authorization. One contractor tested confirmed positive on a "random" test. This individual's unescorted access and employment was terminated and is not eligible for rehire.

REPORTABLE EVENTS

There were no reportable events during this reporting period.

SUMMARY

In conclusion, the minimal number of confirmed positive tests reflects a low rate of substance abuse among personnel enrolled in the Fitness for Duty Program at V.C. Summer Nuclear Station. SCE&G remains dedicated to providing a work environment free from the effects of drugs and alcohol at V. C. Summer Nuclear Station.