



South Carolina Electric & Gas Company
P.O. Box 88
Jenkinsville, SC 29065
(803) 345-4001

John L. Skolds
Senior Vice President
Nuclear Operations

August 22, 1994
Refer to: RC-94-0222

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

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 Fitness for Duty Report for the period from January 1, 1994, to June 30, 1994. 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 at your convenience.

Very truly yours,

John L. Skolds

RAM:lcd
Enclosure

c: O. W. Dixon
R. R. Mahan
R. J. White
S. D. Ebner
G. F. Wunder
NRC Resident Inspector
J. B. Knotts Jr.
H. L. O'Quinn
W. H. Johnson
R. E. Enkeboll
NSRC
RTS (SA-100)
File (818.02-20)
Central File System

200689



NUCLEAR EXCELLENCE - A SUMMER TRADITION!

9408310325 940822
PDR ADOCK 05000395
R PDR

AD21

V. C. SUMMER NUCLEAR STATION FITNESS FOR DUTY SUMMARY
10 CFR 26.71 (d) REQUIREMENTS
FOR
JANUARY 1, 1994 - JUNE 30, 1994

MANAGEMENT ACTIONS

A. Positive Test Results:

There were a total of nine 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 seven confirmed positive pre-access tests for drugs involving six contractors and one SCE&G applicant. In all cases, appropriate management personnel were notified that these individuals would not be granted unescorted access authorization and would not be eligible for retesting.

2. Random Tests:

Breath analysis testing resulted in two confirmed positive tests for alcohol involving one contractor and one SCE&G employee. In both cases, unescorted access authorization was suspended, appropriate management personnel were notified, and the individuals were sent home. The contractor retested negative the following day and had his unescorted access authorization reinstated. The SCE&G employee, who is a licensed reactor operator, retested negative the following day, but his unescorted access authorization remained suspended for four additional days and he was interviewed by a licensed psychologist prior to reinstatement.

B. Split Samples:

Two split samples were shipped to the back-up laboratory for testing during this reporting period. In both cases, the split samples tested positive and were declared confirmed positive by the Medical Review Officer.

C. Direct Observation Collections:

There were seven direct observation collections performed during this reporting period. All of these were conducted at the request of the Medical Review Officer due to abnormal specific gravity and creatinine levels. The test results for all seven specimens were negative.

DATA ANALYSIS

A. Random Testing:

There were 383 random tests conducted during this reporting period, with two confirmed positive results. This constitutes a positive random test rate of .52%. The average population during this period was 1,227, resulting in a random testing rate of 31.21%, for the first half of 1994. Thirty-six random tests were performed on backshift, weekends, or holidays.

B. Additional Substances/Lower Cut Off Levels:

There were no additional confirmed positive results received for benzodiazepines or barbiturates. The lower cut off level for marijuana resulted in three additional confirmed positive tests.

SCE&G elected to delete methaqualone from its drug panel in 1994. No positive results for methaqualone had been received (other than blind performance tests) since the inception of the V.C. Summer Nuclear Station Fitness for Duty Program in 1990. Laboratory officials indicated that methaqualone was no longer a problem as a drug of abuse, so SCE&G believed it was appropriate to discontinue testing.

C. Blind Performance Testing:

During the first quarter of 1994, there were 369 genuine specimens and 40 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance test rate of 10.84%. In the second quarter of 1994, there were 319 genuine specimens and 40 blind performance test specimens submitted to the primary testing laboratory, which constitutes a blind performance test rate of 12.54%.

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

D. Population Groups:

Six short term contractors and one SCE&G applicant were responsible for the seven confirmed positive test results for drugs during this reporting period. None of these individuals had been granted unescorted access authorization.

One long-term contractor and one SCE&G employee were responsible for the two confirmed positive breath analysis tests for alcohol during this reporting period. Unescorted access was suspended as previously mentioned in "Management Actions".

E. Contractor/Vendor Programs:

Babcock and Wilcox Nuclear Technologies' Fitness for Duty Program performed four pre-access drug and alcohol tests with no confirmed positive results. These four tests are included in the 168 pre-access tests for short-term contractors noted on the Performance Data form.

F. Miscellaneous

In addition to lowering our annual random testing rate from 100% to 50% of the average annual population in accordance with the revision to 10CFR26.24, SCE&G changed the parameters on periodic testing. Previously, any individual eligible for random testing who was not selected within a fifteen month period, was tested before 18 months had elapsed. Now, individuals not selected randomly within $4\frac{1}{2}$ years will be subject to periodic testing before five years elapses.

REPORTABLE EVENTS

There was one reportable event during this reporting period. An SCE&G employee who is a licensed reactor operator tested confirmed positive for alcohol while in Senior Reactor Operator Training at the SCE&G Nuclear Training Center. The Nuclear Regulatory Commission was notified within 24 hours, as required. Actions taken included a four day suspension of unescorted access authorization, a psychological assessment by a licensed psychologist, and follow-up testing.

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.

Fitness for Duty Program Performance Data Personnel Subject to 10 CFR 26

South Carolina Electric & Gas Company	June 30, 1994
Company	6 Months Ending
V. C. Summer Nuclear Station, Jenkinsville, SC	
Location	
Harry O'Quinn/Janet Thiel	(803) 345-4153/345-4272
Contact Name	Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR 26	
Marijuana	50 / 10 Amphetamines 1000/500 <u>Barbiturates</u> 200/200
Cocaine	300/150 Phencyclidine 25 / 25 <u>Benzodiazepines</u> 300/300
Opiates	300/300 Alcohol (%BAC) .04

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		876		301		49	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		39	1	31	0	168	6
For Cause	Post accident	0	0	0	0	0	0
	Observed behavior	0	0	0	0	0	0
Random		280	1	89	1	14	0
Follow-up		2	0	2	0	0	0
Other		37	0	20	0	10	0
Total		358	2	142	1	192	6

Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphe- tamines	Phency- clidine	Alcohol	Refusal to Test	Barbi- turates	Benzodi- azepines	Metha- qualone	
Licensee Employees	1 0	0	0	0	0	1	0	0	0	0	
Long-Term Contractors	0 0	0	0	0	0	1	0	0	0	0	
Short-Term Contractors	0 3	3	0	0	0	0	0	0	0	0	A
Total	1 3	3	0	0	0	2	0	0	0	0	9