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Southern Nuclear Operating Company

*the southern electric system*

Dave Morey  
Vice President  
Farley Project

February 14, 1994

10 CFR 26.71

Docket Nos. 50-348  
50-364

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

J. M. Farley Nuclear Plant  
Fitness For Duty Performance Data

Gentlemen:

Southern Nuclear Operating Company hereby submits Fitness For Duty Performance Data for the six month reporting period, July 1993 through December 1993, as required by 10 CFR 26.71(d). The data is summarized on the attached enclosures.

Should you have any questions, please advise.

Respectfully submitted,

  
Dave Morey

DNM/JMG

Enclosures

cc: Southern Nuclear Operating Company  
Mr. R. D. Hill, General Manager - Plant Farley  
  
U. S. Nuclear Regulatory Commission, Washington, DC  
Mr. T. A. Reed, Licensing Project Manager - Farley  
  
U. S. Nuclear Regulatory Commission, Region II  
Mr. S. D. Ebnetter, Regional Administrator  
Mr. G. F. Maxwell, Senior Resident Inspector - Farley

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Joseph M. Farley Nuclear Plant  
Southern Nuclear Corporate Headquarters  
Fitness For Duty Program

The data generated under the Fitness For Duty (FFD) program from July 1993 through December 1993 has been reviewed and analyzed. The data reflected in this report is that of employees of the J. M. Farley Nuclear Plant and employees of Southern Nuclear Operating Company Corporate Headquarters.

The random pool contains not only those badged for unescorted access, but also those employees who may, in an emergency condition, be called upon to work at the site and may require unescorted access. Contractors without approved programs are included in the pool while on site. Testing during this time period was performed on a nominal weekly basis to include swing shifts, weekends and holidays at a rate which was equal to 100% yearly of the total population.

In summarizing management actions associated with the FFD program, it should be emphasized that the incidences of confirming positive tests have been low. Consequently, management actions relative to determination of FFD have been limited. Contractor employees screened as positive are denied access and no further action is taken.

There were no management actions taken on licensee employees during this six month period.

There was one occurrence where a performance test specimen (certified to the supplier to be positive and screened on site to be positive for marijuana [THC]) was reported as negative by the Substance Abuse and Mental Health Services certified laboratory used by Southern Nuclear. An investigation was conducted regarding this occurrence. It was determined a readjustment of the reagent and sensor probes on the Olympus analyzer was required for correction. A report of the unsatisfactory performance testing was submitted to the NRC on August 30, 1993.

There was an identified need for a computer software modification on December 1, 1993 when a check of the FFD database pool was conducted which compared the three main file pools against the active badge pools at each of the sites where Southern Nuclear manages the FFD programs. This check was confirmed on the program run date of December 2, 1993 when a total of 25 individuals at plant Farley and 24 individuals at plant Vogtle that should have been in the random selection pool were absent from the pool.

After further investigation it was decided that, as a conservative measure, 18 of the 25 individuals at plant Farley and 17 of the 24 individuals at plant Vogtle should have an immediate FFD test conducted. These individuals, although out of the random selection pool for a period of over 60 days, were under a continuous behavioral observation program. These immediate FFD tests were conducted and all were negative.

Southern Nuclear corporate information resources department identified the causative factor in the database pool program and an immediate correction was made. In addition to the FFD testing of the previously mentioned individuals, issuing a quarterly quality control check of the entire random selection process and a plan for consolidation of the pools in a revised program by August 1, 1994 was determined to be appropriate actions.

Notification of this computer software issue was verbally communicated to the NRC on December 9, 1993.

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

Southern Nuclear Operating Company	12-31-93
<small>Company</small>	<small>6 Months Ending</small>
Plant J. M. Farley and Corporate Headquarters - Birmingham, AL	
<small>Location</small>	
Francis Jessup	(205) 868-5168
<small>Contact Name</small>	<small>Phone (include area code)</small>
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR 26	
Marijuana            /	Amphetamines            /            _____ /
Cocaine                /	Phencyclidine            /            _____ /
Opiates                /	Alcohol (% BAC)            _____ /

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
		#	#	#	#	#	#
Average Number with Unescorted Access		1418		31		354	
Categories		Tested	Positive	Tested	Positive	Tested	Positive
Pre-Access		72	0	10	0	1082	4
For Cause	Post accident	1	0	0	0	0	0
	Observed behavior	1	0	0	0	3	0
Random		783	0	13	0	155	1
Follow-up		16	0	0	0	10	0
Other	RTW Retest S&H Staff	39	0	4	0	0	0
Total		912	0	27	0	1250	5

### Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	1	2	3	4	5	
Licensee Employees	0	0	0	0	0	0	0						
Long-Term Contractors	0	0	0	0	0	0	0						
Short-Term Contractors	3	2	0	0	0	0	0						A
Total	3	2	0	0	0	0	0						5