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Docket Nos.: 50-321 50-348 50-424
50-366 50-364 50-425

NL-06-1844

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555-0001

Edwin I. Hatch Nuclear Plant
Joseph M. Farley Nuclear Plant
Vogtle Electric Generating Plant
Fitness For Duty Performance Data

Gentlemen:

Southern Nuclear Operating Company (SNC) hereby submits the Fitness For Duty (FFD) Performance Data for the six-month reporting period, January 2006 through June 2006, as required by 10 CFR 26.71(d). The data reflected in this report covers the employees specified in the respective enclosures.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Grissette".

Don E. Grissette

DEG/TWS/sdl

- Enclosures:
1. Edwin I. Hatch Nuclear Plant FFD Performance Data
 2. Joseph M. Farley Nuclear Plant FFD Performance Data
 3. Vogtle Electric Generating Plant FFD Performance Data
 4. SNC Corporate Headquarters FFD Performance Data

cc: Southern Nuclear Operating Company
Mr. J. T. Gasser, Executive Vice President
Mr. L. M. Stinson, Vice President – Plant Hatch
Mr. H. L. Sumner, Jr., Vice President – Plant Farley
Mr. J. R. Johnson, General Manager – Plant Farley
Mr. D. R. Madison, General Manager – Plant Hatch
Mr. T. E. Tynan, General Manager – Plant Vogtle
RType: CFA04.054; CHA02.004; CVC7000; LC# 14478

U. S. Nuclear Regulatory Commission
Dr. W. D. Travers, Regional Administrator
Mr. R. E. Martin, NRR Project Manager – Farley
Mr. C. Gratton, NRR Project Manager – Hatch
Mr. C. Gratton, NRR Project Manager – Vogtle
Mr. C. A. Patterson, Senior Resident Inspector – Farley
Mr. D. S. Simpkins, Senior Resident Inspector – Hatch
Mr. G. J. McCoy, Senior Resident Inspector – Vogtle

Management Summary

The data generated under the Fitness for Duty (FFD) program from January 2006 through June 2006 has been reviewed and analyzed. The data reflected in this report covers workers, including contract personnel, of the Edwin I. Hatch Nuclear Plant.

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 testing pool while on site. Testing during this time period was performed on a nominal weekly basis to include swing shifts, weekends, and holidays. All for-cause, follow-up, and suspect specimens are tested at the Limits of Detection (LOD) as noted. During this testing period, the rate of testing was equal to 50% yearly of the total population. Weekly quality control checks of the FFD random pool revealed, at most, minor discrepancies during this reporting period.

In summarizing management actions associated with the FFD program, it should be emphasized that the incidence of confirming positive tests was very low. Consequently, management actions relative to determination of FFD have been limited. The following actions were taken relative to the confirmed positive tests during this reporting period:

Short-term Contractors – Eleven individuals screened as positive and were denied access. Three others presented suspicious specimens (low temperature, positive onsite nitrite), refused to provide a witnessed specimen and access was denied. Two other individuals provided dilute specimens, were tested positive on the witnessed specimens and denied access. Three short-term contractors tested positive on random screens and access was terminated. One of these was acting in a supervisory capacity and notification was made as required by 10 CFR 26.73(a)(2)(ii) on February 14, 2006.

Long-term Contractors – None

Employees – None.

Employees who report a substance abuse-related arrest or any custodial arrest submit to FFD testing and are referred for an Employee Assistance Program evaluation by a mental health professional to determine if there is a substance abuse or other problem. For this reporting period, there was one employee referred for evaluation.

Company: Southern Nuclear Operating Company		6 Months Ending 06/30/2006
Location E. I. Hatch Nuclear Plant, Baxley, GA		
Contact Name April Brockson		Phone 205-992-5270
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR 26 except for Marijuana 50 / 15		
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Limits of Detection (LOD)		
Marijuana	20 / 1.5	Amphetamines 300 / 100
Cocaine	150 / 60	Phencyclidine 20 / 10
Opiates	300 / 150	Alcohol (% BAC) $\geq 0.02\%$ if at work for at least 2 hours $\geq 0.03\%$ if at work for at least 1 hour

Testing Results	Licensee Employees		Long Term Contractor Personnel		Short Term Contractor Personnel		
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive	
Average Number with unescorted access	884		58		495		
Pre-Access	61	0	0	0	1177	16	
For Cause	Post accident	8	0	1	0	9	0
	Observed Behavior	4	0	0	0	1	0
Random	258	0	30	0	108	3	
Follow-up	16	0	1	0	28	0	
Other: Safety & Health, Re-test, Return to work	21	0	2	0	25	5	
Total	368	0	34	0	1348	24	

Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	
Licensee Employees	0	0	0	0	0	0	0	
Long-Term Contractors	0	0	0	0	0	0	0	
Short-Term Contractors	12	6	0	0	0	1	6	
Total	12	6	0	0	0	1	6	25

Management Summary

The data generated under the Fitness for Duty (FFD) program from January 2006 through June 2006 has been reviewed and analyzed. The data reflected in this report covers workers, including contract personnel, of the Joseph M. Farley Nuclear Plant.

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 testing pool while on site. Testing during this time period was performed on a nominal weekly basis to include swing shifts, weekends, and holidays. All for-cause, follow-up, and suspect specimens are tested at the Limits of Detection (LOD) as noted. During this testing period, the rate of testing was equal to 50% yearly of the total population. Weekly quality control checks of the FFD random pool revealed, at most, minor discrepancies during this reporting period.

In summarizing management actions associated with the FFD program, it should be emphasized that the incidence of confirming positive tests was very low. Consequently, management actions relative to determination of FFD have been limited. The following actions were taken relative to the confirmed positive tests during this reporting period:

Short-term Contractors – Six individuals screened as positive and were denied access. Four others provided specimens with a low temperature: one refused a witnessed recollect, the other three were positive on witnessed recollect and all were denied access. One contractor provided a dilute pre-access specimen, refused a witnessed recollect and was denied access. One other individual tested positive for nitrites onsite, then provided two witnessed specimens that had a low temperature. The fourth specimen provided (also witnessed) was within all required parameters and was confirmed positive for amphetamine, methamphetamine, and marijuana metabolites. The MRO confirmed the three previous specimens positive due to refusal to provide specimens in accordance with 10 CFR Part 26 and his access was denied.

There was one short-term contractor who refused to provide a random specimen resulting in termination of access. Two were positive on follow-up tests and access was terminated. One of these tested positive for alcohol resulting in immediate removal from access. The drug test results were confirmed positive for cocaine. The other individual provided a specimen with a low temperature that was also onsite positive for nitrites, and refused a witnessed recollection.

Long-term Contractors – None

Employees – None

Employees who report a substance abuse-related arrest or any custodial arrest submit to FFD testing and are referred for an Employee Assistance Program evaluation by a mental health professional to determine if there is a substance abuse or other problem. For this reporting period, there were three employees referred for evaluation.

Company: Southern Nuclear Operating Company		6 Months Ending 06/30/2006
Location Joseph M. Farley Nuclear Plant		
Contact Name April Brockson		Phone 205-992-5270
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR 26 except for: Marijuana 50 / 15		
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Limits of Detection (LOD)		
Marijuana	20 / 1.5	Amphetamines 300 / 100
Cocaine	150 / 60	Phencyclidine 20 / 10
Opiates	300 / 150	Alcohol (% BAC) \geq 0.02% if at work for at least 2 hours \geq 0.03% if at work for at least 1 hour

Testing Results	Licensee Employees		Long Term Contractor Personnel		Short Term Contractor Personnel	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with unescorted access	898		48		447	
Pre-Access	74	0	0	0	733	12
For Cause	Post accident	11	0	0	1	0
	Observed Behavior	10	0	0	0	0
Random	269	0	24	0	91	1
Follow-up	24	0	0	0	22	2 *1
Other: Safety & Health, Re-test, Return to work	26	0	1	0	12	9
Total	414	0	25	0	859	24

* Note: # of tests in this category that tested positive at LOD

Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	
Licensee Employees	0	0	0	0	0	0	0	
Long-Term Contractors	0	0	0	0	0	0	0	
Short-Term Contractors	8	3	0	1**	0	2 * ¹	14	
Total	8	3	0	1**	0	2 * ¹	14	28

* Note: # of tests in this category that also tested positive at LOD.

** Amphetamine was also positive for methamphetamine.

Management Summary

The data generated under the Fitness for Duty (FFD) program from January 2006 through June 2006 has been reviewed and analyzed. The data reflected in this report covers workers, including contract personnel, of the Vogtle Electric Generating Plant.

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 testing pool while on site. Testing during this time period was performed on a nominal weekly basis to include swing shifts, weekends, and holidays. All for-cause, follow-up, and suspect specimens are tested at the Limits of Detection (LOD) as noted. During this testing period, the rate of testing was equal to 50% yearly of the total population. Weekly quality control checks of the FFD random pool revealed, at most, minor discrepancies during this reporting period.

In summarizing management actions associated with the FFD program, it should be emphasized that the incidence of confirming positive tests was very low. Consequently, management actions relative to determination of FFD have been limited. The following actions were taken relative to the confirmed positive tests during this reporting period:

Short-term Contractors – Two individuals screened as positive and were denied access. One was positive on a random collection and access was terminated.

Long-term Contractors – None

Employees – One employee screened positive on a follow-up test and was terminated.

Employees who report a substance abuse-related arrest or any custodial arrest submit to FFD testing and are referred for an Employee Assistance Program evaluation by a mental health professional to determine if there is a substance abuse or other problem. For this reporting period, there were no employees referred for evaluation.

Company: Southern Nuclear Operating Company		6 Months Ending 06/30/2006
Location Vogtle Electric Generating Plant, Waynesboro, GA		
Contact Name April Brockson		Phone 205-992-5270
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR 26 except for Marijuana 50 / 15		
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Limits of Detection (LOD)		
Marijuana	20 / 1.5	Amphetamines 300 / 100
Cocaine	150 / 60	Phencyclidine 20 / 10
Opiates	300 / 150	Alcohol (% BAC) \geq 0.02% if at work for at least 2 hours \geq 0.03% if at work for at least 1 hour

Testing Results	Licensee Employees		Long Term Contractor Personnel		Short Term Contractor Personnel	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with unescorted access	934		42		199	
Pre-Access	70	0	0	0	209	2
For Cause	Post accident	4	0	0	2	0
	Observed Behavior	6	0	0	0	0
Random	257	0	31	0	40	1
Follow-up	55	1	0	0	14	0
Other: Safety & Health, Re-test, Return to work	39	0	3	0	18	0
Total	431	1	34	0	283	3

Breakdown of Confirmed Positive Tests for Specific Substances

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

** Amphetamine was also positive for methamphetamine.

Management Summary

The data generated under the Fitness for Duty (FFD) program from January 2006 through June 2006 has been reviewed and analyzed. The data reflected in this report covers workers, including contract personnel, at the Southern Nuclear Operating Company Corporate Headquarters in Birmingham, Alabama.

The random pool contains not only those badged for unescorted access at a nuclear site, but also those employees who may, in an emergency condition, be called upon to work at any of the SNC sites and may require unescorted access. Contractors without approved programs are included in the testing pool. Testing during this time period was performed on a nominal weekly basis. All for-cause, follow-up, and suspect specimens are tested at the Limits of Detection (LOD) as noted. During this testing period, the rate of testing was equal to 50% yearly of the total population. Weekly quality control checks of the FFD random pool revealed, at most, minor discrepancies during this reporting period.

In summarizing management actions associated with the FFD program, it should be emphasized that the incidence of confirming positive tests was very low. Consequently, management actions relative to determination of FFD have been limited. The following actions were taken relative to the confirmed positive tests during this reporting period:

Short-term Contractors – One individual did not provide a random specimen in accordance with 10 CFR Part 26 (low temperature), subsequently screened positive on a witnessed recollection, and was terminated.

Long-term Contractors – None

Employees – None

Employees who report a substance abuse-related arrest or any custodial arrest submit to FFD testing and are referred for an Employee Assistance Program evaluation by a mental health professional to determine if there is a substance abuse or other problem. For this reporting period, there was one employee referred for evaluation.

Company: Southern Nuclear Operating Company		6 Months Ending 06/30/2006
Location SNC Corporate Headquarters		
Contact Name April Brockson		Phone 205-992-5270
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR 26 except for Marijuana 50 / 15		
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Limits of Detection (LOD)		
Marijuana	20 / 1.5	Amphetamines 300 / 100
Cocaine	150 / 60	Phencyclidine 20 / 10
Opiates	300 / 150	Alcohol (% BAC) \geq 0.02% if at work for at least 2 hours \geq 0.03% if at work for at least 1 hour

Testing Results	Licensee Employees		Long Term Contractor Personnel		Short Term Contractor Personnel	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with unescorted access	605		1		69	
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	72	0	0	0	55	0
For Cause	Post accident	0	0	0	0	0
	Observed Behavior	1	0	0	0	0
Random	173	0	6	0	15	1
Follow-up	3	0	0	0	0	0
Other: Safety & Health, Re-test, Return to work	25	0	0	0	4	1 ^{*1}
Total	274	0	6	0	74	2

* Note: # of tests in this category that tested positive at LOD level

Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	
Licensee Employees	0	0	0	0	0	0	0	
Long-Term Contractors	0	0	0	0	0	0	0	
Short-Term Contractors	1 ^{*1}	0	0	0	0	0	1	
Total	1 ^{*1}	0	0	0	0	0	1	2

* Note: # of tests in this category that tested positive at LOD level