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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

Ladies and Gentlemen:

Southern Nuclear Operating Company (SNC) hereby submits the Fitness For Duty (FFD) Performance Data for the six-month reporting period, July 2006 through December 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 "B. J. George". The signature is fluid and cursive.

B. J. George
Manager, Nuclear Licensing

BJG/TWS/daj

- 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. J. R. Johnson, Vice President – Farley
Mr. D. R. Madison., Vice President – Hatch
Mr. T. E. Tynan, Vice President – Vogtle
Mr. D. H. Jones, Vice President – Engineering
RType: CFA04.054; CHA02.004; CVC7000; LC# 14546

U. S. Nuclear Regulatory Commission
Dr. W. D. Travers, Regional Administrator
Ms. K. R. Cotton, NRR Project Manager – Farley
Mr. R. E. Martin, NRR Project Manager – Hatch
Mr. B. K. Singal, NRR Project Manager – Vogtle
Mr. E. L. Crowe, Senior Resident Inspector – Farley
Mr. D. S. Simpkins, Senior Resident Inspector – Hatch
Mr. G. J. McCoy, Senior Resident Inspector – Vogtle

Enclosure 1

**Edwin I. Hatch Nuclear Plant
FFD Performance Data**

Management Summary

The data generated under the Fitness for Duty (FFD) program from July 2006 through December 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 exceeded 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

- Nine individuals tested positive on pre-access and were denied access.
- One individual provided a suspect pre-access specimen that required a witnessed retest. Both specimens tested positive and the individual was denied access.
- One individual tested positive on a random test and access 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 were no employees referred for evaluation.

Company: Southern Nuclear Operating Company		6 Months Ending 12/31/2006
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	900		62		289		
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive	
Pre-Access	80	0	0	0	332	10	
For Cause	Post accident	4	0	0	0	1	0
	Observed Behavior	2	0	0	0	4	0
Random	240	0	28	0	68	1	
Follow-up	19	0	0	0	20	0	
Other: Safety & Health, Re-test, Return to work	24	0	2	0	4	1	
Total	369	0	30	0	429	12	

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	4	8	2	0	0	0	0	
Total	4	8	2	0	0	0	0	14 *

* Two individuals tested positive for two specific substances.

Enclosure 2

**Joseph M. Farley Nuclear Plant
FFD Performance Data**

Management Summary

The data generated under the Fitness for Duty (FFD) program from July 2006 through December 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 exceeded 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 tested positive on pre-access and were denied access.
- One individual provided a suspect pre-access specimen. The individual refused to subject to a witnessed retest and was denied access.
- One individual tested positive on random test and access 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 were no employees referred for evaluation.

Company: Southern Nuclear Operating Company		6 Months Ending 12/31/2006
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	895		48		267	
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	38	0	0	0	155	7
For Cause	Post accident	4	0	0	2	0
	Observed Behavior	6	0	0	0	0
Random	233	0	29	0	52	1
Follow-up	27	0	0	0	10	0
Other: Safety & Health, Re-test, Return to work	19	0	0	0	2	1
Total	327	0	29	0	221	9

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	4	2	1	0	0	0	2	
Total	4	2	1	0	0	0	2	9

Enclosure 3

**Vogtle Electric Generating Plant
FFD Performance Data**

Management Summary

The data generated under the Fitness for Duty (FFD) program from July 2006 through December 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 exceeded 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

- Four individuals tested positive on pre-access and were denied access.
- Two individuals refused to provide a pre-access specimen in accordance with 10 CFR Part 26 and were denied access.
- Five individuals provided suspect pre-access specimens. Of these:
 - One individual refused to submit to a witnessed retest and was denied access.
 - Four individuals tested positive on witnessed retest and were denied access.
- One individual refused to submit to a random test and access was terminated.
- One individual provided a suspect specimen that also tested positive in response to a for-cause test. Upon witnessed retest, the individual tested positive and access 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 were no employees referred for evaluation.

Company: Southern Nuclear Operating Company		6 Months Ending 12/31/2006
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	948		46		368	
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	50	0	0	0	850	11
For Cause	Post accident	2	0	0	1	0
	Observed Behavior	3	0	0	0	2
Random	270	0	22	0	74	1
Follow-up	52	0	0	0	17	0
Other: Safety & Health, Re-test, Return to work	28	0	3	0	46	6
Total	405	0	25	0	990	19

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	4 **	8	0	2	0	0	6	
Total	4 **	8	0	2	0	0	6	20 **

* Number of tests in this category that tested positive at LOD level

** One individual tested positive for two specific substances.

Enclosure 4

**SNC Corporate Headquarters
FFD Performance Data**

Management Summary

The data generated under the Fitness for Duty (FFD) program from July 2006 through December 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 exceeded 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 tested positive on retest and access was terminated.

Long-term Contractors

- None

Employees

- One individual tested positive on a random test and the employee resigned.

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 12/31/2006
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	613		11		79	
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	59	0	0	0	19	0
For Cause	Post accident	0	0	0	0	0
	Observed Behavior	2	0	0	0	0
Random	169	1	6	0	20	0
Follow-up	6	0	0	0	0	0
Other: Safety & Health, Re-test, Return to work	17	0	0	0	3	1
Total	253	1	6	0	42	1

Breakdown of Confirmed Positive Tests for Specific Substances

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

* One individual tested positive for two specific substances.