

**Jeffrey T. Gasser**  
Vice President

**Southern Nuclear  
Operating Company, Inc.**  
40 Inverness Center Parkway  
Post Office Box 1295  
Birmingham, Alabama 35201  
Tel 205.992.7721  
Fax 205.992.0403



*Energy to Serve Your World™*

NL-04-1461

August 27, 2004

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

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, January 2004 through June 2004, as required by 10 CFR 26.71(d). The data reflected in this report covers the employees specified in the respective enclosures.

This letter contains no NRC commitments. If you have any questions, please advise.

Sincerely,

A handwritten signature in black ink that reads "Jeffrey T. Gasser". The signature is written in a cursive style with a long horizontal stroke at the end.

Jeffrey T. Gasser

JTG/JMG

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

AOZ1

U. S. Nuclear Regulatory Commission

NL-04-1461

Page 2

cc: Southern Nuclear Operating Company  
Mr. H. L. Sumner, Jr., Vice President – Plant Hatch  
Mr. L. M. Stinson, Vice President – Plant Farley  
Mr. D. E. Grissette, General Manager – Plant Farley  
Mr. G. R. Frederick, General Manager – Plant Hatch  
Mr. W. F. Kitchens, General Manager – Plant Vogtle  
RTYPE: CFA04.054; CHA02.004; CVC7000; LC# 14112

U. S. Nuclear Regulatory Commission  
Dr. W. D. Travers, Regional Administrator  
Mr. S. E. Peters, 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 2004 through June 2004 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. During this testing period, the rate of testing was equal to 50% yearly of the total population. Weekly quality control checks of the Fitness for Duty 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 – Thirteen individuals screened as positive and were denied access. One other individual tested positive on a for-cause behavioral 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 fitness for duty testing and are referred for an EAP 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: <b>Southern Nuclear Operating Company</b>		6 Months Ending <b>06/30/04</b>	
Location <b>E. I. Hatch Nuclear Plant, Baxley, GA</b>			
Contact Name <b>April Brockson</b>		Phone <b>205-992-5270</b>	
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR 26			
Marijuana	50 / 15	Amphetamines	/ _____ /
Cocaine	/	Phencyclidine	/ _____ /
Opiates	/	Alcohol (% BAC)	/ _____ /

Testing Results	Licensee Employees		Long Term Contractor Personnel		Short Term Contractor Personnel		
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive	
<b>Average Number with unescorted access</b>	893		83		237		
<b>Categories</b>	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive	
<b>Pre-Access</b>	25	0	0	0	890	13	
<b>For Cause</b>	<b>Post accident</b>	5	0	1	0	6	0
	<b>Observed Behavior</b>	2	0	0	0	2	1
<b>Random</b>	245	0	24	0	56	0	
<b>Follow-up</b>	29	0	0	0	24	0	
<b>Other: Safety &amp; Health, Re-test, Return to work</b>	21	0	1	0	7	0	
<b>Total</b>	327	0	26	0	985	14	

**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	9	3	0	1*	0	1	0	
Total	9	3	0	1*	0	1	0	14

\* Positive for methamphetamine only.

### Management Summary

The data generated under the Fitness for Duty (FFD) program from January 2004 through June 2004 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. During this testing period, the rate of testing was equal to 50% yearly of the total population. Weekly quality control checks of the Fitness for Duty 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 – Thirteen individuals screened as positive and were denied access. One individual refused to provide a specimen in accordance with 10 CFR 26 during the screening process, also refused the required retest and access was denied. Two individuals were subjected to for-cause testing: 1) One individual refused to provide a specimen in accordance with 10 CFR 26, and 2) the other individual tested positive. Access was terminated for both individuals.

Long-term Contractors – None

Employees – One employee tested positive and subsequently resigned his position.

Employees who report a substance abuse-related arrest or any custodial arrest submit to fitness for duty 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: <b>Southern Nuclear Operating Company</b>		6 Months Ending <b>06/30/2004</b>
Location <b>Joseph M. Farley Nuclear Plant</b>		
Contact Name <b>April Brockson</b>		Phone <b>205-992-5270</b>
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR 26		
Marijuana	50 / 15	Amphetamines / _____ /
Cocaine	/	Phencyclidine / _____ /
Opiates	/	Alcohol (% BAC) _____ /

Testing Results	Licensee Employees		Long Term Contractor Personnel		Short Term Contractor Personnel	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
<b>Average Number with unescorted access</b>	918		82		219	
<b>Categories</b>	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	16	0	0	0	768	14
For Cause	Post accident	7	0	0	2	0
	Observed Behavior	11	1	0	0	5
Random	239	0	20	0	58	0
Follow-up	24	0	0	0	8	0
Other: Safety & Health, Re-test, Return to work	25	0	0	0	2	1
<b>Total</b>	<b>322</b>	<b>1</b>	<b>20</b>	<b>0</b>	<b>843</b>	<b>17</b>

**Breakdown of Confirmed Positive Tests for Specific Substances**

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	
Licensee Employees	0	0	0	0	0	1	0	
Long-Term Contractors	0	0	0	0	0	0	0	
Short-Term Contractors	7	4	0	3*	0	2	3	
Total	7	4	0	3*	0	3	3	20

\* Positive for methamphetamine.

### Management Summary

The data generated under the Fitness for Duty (FFD) program from January 2004 through June 2004 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. During this testing period, the rate of testing was equal to 50% yearly of the total population. Weekly quality control checks of the Fitness for Duty 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** – Ten individuals screened as positive and were denied access. One additional individual refused to provide a specimen in accordance with 10 CFR 26 during the screening process. The individual also tested positive on retest and access was denied. One other individual tested positive on a random and access was terminated.

**Long-term Contractors** – None

**Employees** – One licensee employee tested positive on a follow-up test and was terminated. One licensed operator tested positive on a random. Notification, in accordance with 10 CFR 26.73(b), was made on March 29, 2004. This individual was referred for evaluation and treatment and was entered into the follow up pool upon return to work.

Employees who report a substance abuse-related arrest or any custodial arrest submit to fitness for duty 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: <b>Southern Nuclear Operating Company</b>		6 Months Ending <b>06/30/04</b>
Location <b>Vogtle Electric Generating Plant, Waynesboro, GA</b>		
Contact Name <b>April Brockson</b>		Phone <b>205-992-5270</b>
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR 26		
Marijuana	50 / 15	Amphetamines / _____ /
Cocaine	/	Phencyclidine / _____ /
Opiates	/	Alcohol (% BAC) _____ /

Testing Results	Licensee Employees		Long Term Contractor Personnel		Short Term Contractor Personnel	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
<b>Average Number with unescorted access</b>	890		83		170	
<b>Categories</b>	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
<b>Pre-Access</b>	28	0	0	0	513	11
<b>For Cause</b>	Post accident	12	0	0	0	0
	Observed Behavior	3	0	0	0	1
<b>Random</b>	249	1	24	0	47	1
<b>Follow-up</b>	33	1	0	0	34	0
<b>Other: Safety &amp; Health, Re-test, Return to work</b>	21	0	2	0	39	1
<b>Total</b>	346	2	26	0	634	13

**Breakdown of Confirmed Positive Tests for Specific Substances**

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	
Licensee Employees	1	0	1	0	0	0	0	
Long-Term Contractors	0	0	0	0	0	0	0	
Short-Term Contractors	6	4	1	1*	0	1	1	
Total	7	4	2	1*	0	1	1	16

\* Also positive for methamphetamine

### Management Summary

The data generated under the Fitness for Duty (FFD) program from January 2004 through June 2004 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. During this testing period, the rate of testing was equal to 50% yearly of the total population. Weekly quality control checks of the Fitness for Duty 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 zero. 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 – None.

Long-term Contractors – None.

Employees – None.

Employees who report a substance abuse-related arrest or any custodial arrest submit to fitness for duty testing and are referred for an EAP 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: <b>Southern Nuclear Operating Company</b>		6 Months Ending <b>06/30/04</b>
Location <b>SNC Corporate Headquarters</b>		
Contact Name <b>April Brockson</b>		Phone <b>205-992-5270</b>
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR 26		
Marijuana	50 / 15	Amphetamines / _____ /
Cocaine	/	Phencyclidine / _____ /
Opiates	/	Alcohol (% BAC) _____ /

Testing Results	Licensee Employees		Long Term Contractor Personnel		Short Term Contractor Personnel	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
<b>Average Number with unescorted access</b>	544		35		46	
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	46	0	0	0	19	0
For Cause	Post accident	0	0	0	0	0
	Observed Behavior	2	0	0	0	0
Random	144	0	18	0	11	0
Follow-up	9	0	0	0	0	0
Other: Safety & Health, Re-test, Return to work	33	0	0	0	0	0
<b>Total</b>	<b>234</b>	<b>0</b>	<b>18</b>	<b>0</b>	<b>30</b>	<b>0</b>

