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Docket Nos. 50-321  
50-366

HL-6048

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

Edwin I. Hatch Nuclear Plant  
Fitness For Duty Performance Data

Ladies and Gentlemen:

Southern Nuclear Operating Company (Southern Nuclear) hereby submits the Fitness For Duty Performance Data for the six-month reporting period, July 2000 through December 2000, as required by 10 CFR 26.71(d). The data reflected in this report covers employees at the Edwin I. Hatch Nuclear Plant. The report data is summarized in the attached enclosures.

Should you have any questions, please advise.

Sincerely,

  
H. L. Sumner

HLS/JMG

Attachments:

- Enclosure 1: FFD Performance Data Sheets (2 pages)
- Enclosure 2: Hatch FFD Program Summary

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cc: Southern Nuclear Operating Company  
Mr. P. H. Wells, Nuclear Plant General Manager  
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U. S. Nuclear Regulatory Commission, Washington, DC  
Mr. L. N. Olshan, Project Manager - Hatch

U. S. Nuclear Regulatory Commission, Region II  
Mr. L. A. Reyes, Regional Administrator  
Mr. J. T. Munday, Senior Resident Inspector - Hatch

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File: J.02

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

Company: <b>Southern Nuclear Operating Company</b>		6 Months Ending <b>12/31/00</b>
Location <b>E. I. Hatch Nuclear Plant, Baxley, GA</b>		
Contact Name <b>Dianne Coley</b>		Phone <b>205-992-7231</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>	898		336		198	
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	31	0	8	0	994	19
For Cause	Post accident	0	0	0	0	0
	Observed Behavior	9	1	0	0	3
Random	253	0	45	0	80	2
Follow-up	25	0	1	0	26	1
Other: Safety & Health, Re-test, Return to work	28	0	0	0	58	4
<b>Total</b>	<b>346</b>	<b>1</b>	<b>54</b>	<b>0</b>	<b>1161</b>	<b>26</b>

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

**Hatch**

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	1	2	3	4	5	
Licensee Employees	0	1	0	0	0	0	0						
Long-Term Contractors	0	0	0	0	0	0	0						
Short-Term Contractors	17	2	1	0	0	2	4						A
<b>Total</b>	17	3	1	0	0	2	4						27

## Enclosure 2

### Edwin I. Hatch Nuclear Plant Fitness For Duty Program Summary

The data generated under the Fitness for Duty (FFD) program from July 2000 through December 2000 has been reviewed and analyzed. The data reflected in this report covers workers, including contract personnel, of the 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.

In summarizing management actions associated with the FFD program, it should be emphasized that the incidents of confirming positive tests were very 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. Twenty three short-term contractors tested positive and were denied access - nineteen of which were due to substance-related confirmations. Four of these short-term contractors required retests resulting in a refusal and three substance-related positives - one of which was a confirmed nitrite adulteration. Additionally, two short-term contractors tested positive on random tests and one short-term contractor tested positive on a follow-up. Their employment was terminated.

Management actions taken on licensee employees during this six-month period included one individual. An employee tested positive for cocaine on a For Cause test following a reported DUI arrest. After a Decision Making Leave (DML), the employee was admitted to mandatory FFD Evaluation and is currently undergoing rehabilitation.

Weekly quality control checks of the FFD random pool revealed only minor discrepancies during this reporting period.

Since 1996, employees who report a substance abuse related arrest submit to for-cause FFD testing and are referred for Employee Assistance evaluation by a mental health professional to determine if there is a substance abuse or other problem. For this reporting period, there were five employees referred for evaluation.

In the six-month report for the period of January 2000 through June 2000, Southern Nuclear reported the discovery of a small quantity of marijuana in the protected area at Plant Hatch. Due to a management directive, personnel that were in the protected area during the time frame of the discovery of the marijuana have been placed into a smaller pool for random drug screening. This Supplemental Random Testing Pool was instituted on August 7, 2000 for the personnel described above at an additional 100% annual testing rate. During this report period the supplemental pool has continued with no positive tests reported.