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Docket Nos. 50-424  
50-425

LCV-1427

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

Vogtle Electric Generating 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 1999 through December 1999, as required by 10 CFR 26.71(d). The data reflected in this report covers employees at the Vogtle Electric Generating Plant. The report data is summarized in the attached enclosures.

Should you have any questions, please advise.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "J. B. Beasley, Jr." with a stylized flourish at the end.

J. B. Beasley, Jr.

JBB/JMG

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

cc: (See next page)

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cc: Southern Nuclear Operating Company

Mr. J. T. Gasser

Mr. M. Sheibani

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Mr. L. A. Reyes, Regional Administrator

Mr. R. R. Assa, NRR Project Manager

Mr. J. Zeiler, Senior Resident Inspector - Vogtle

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File: J.03

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

|   |         |                                      |           |
|---|---------|--------------------------------------|-----------|
| Company:<br><b>Southern Nuclear Operating Company</b>   |         | 6 Months Ending<br><b>12/31/1999</b> |           |
| Location<br><b>Vogtle Electric Generating Plant, Waynesboro, GA</b>                             |         |                                      |           |
| Contact Name<br><b>Vince Agro</b>   |         | Phone<br><b>205-992-5094</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 |
| Average Number with unescorted access           |                   | 921                |            | 166                            |            | 222                             |            |
| Categories                                      |                   | # Tested           | # Positive | # Tested                       | # Positive | # Tested                        | # Positive |
| Pre-Access                                      |                   | 16                 | 0          | 73                             | 0          | 788                             | 5          |
| For Cause                                       | Post accident     | 1                  | 0          | 1                              | 0          | 0                               | 0          |
|   | Observed behavior | 4                  | 0          | 0                              | 0          | 3                               | 0          |
| Random  |                   | 251                | 1          | 66                             | 0          | 67                              | 1          |
| Follow-up                                       |                   | 21                 | 1          | 0                              | 0          | 20                              | 0          |
| Other: Safety & Health, Re-test, Return to work |                   | 34                 | 0          | 54                             | 1          | 23                              | 2          |
| Total   |                   | 327                | 2          | 194                            | 1          | 901                             | 8          |

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

**Vogle**

|                               | Marijuana | Cocaine | Amphetamines | Phencyclidine | Alcohol | Refusal to Test | 1 | 2 | 3 | 4 | 5 |           |
|-------------------------------|-----------|---------|--------------|---------------|---------|-----------------|---|---|---|---|---|-----------|
| <b>Licensee Employees</b>     | 0         | 0       | 0            | 0             | 2       | 0               |   |   |   |   |   |           |
| <b>Long-Term Contractors</b>  | 0         | 0       | 0            | 0             | 1       | 0               |   |   |   |   |   |           |
| <b>Short-Term Contractors</b> | 5         | 3       | 0            | 0             | 0       | 1               |   |   |   |   |   | <b>A</b>  |
| <b>Total</b>                  | 5         | 3       | 0            | 0             | 3       | 1               |   |   |   |   |   | <b>12</b> |

## Enclosure 2

### Vogtle Electric Generating Plant Fitness For Duty Program Summary

The data generated under the Fitness for Duty (FFD) program from July 1999 through December 1999 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.

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. Five short-term contractors tested positive and access was denied. One short-term contractor tested positive for cocaine during a random test, and one short-term contractor tested positive for marijuana on a return to work test. Both were terminated. In addition, one long-term contractor tested positive for alcohol on a return to work test and was terminated. One short-term contractor is listed as refusing to provide a test in accordance with the regulations due to confirmed nitrite adulteration.

Management actions taken on licensee employees during this six-month period included one individual who tested positive for alcohol on a random test and subsequently tested positive again for alcohol on his first follow-up test. The individual was terminated from employment.

Weekly quality control checks of the Fitness for Duty random pool revealed only minor discrepancies from July through December.

Since 1996, employees who report a substance abuse related arrest submit to for-cause fitness for duty 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 no employees were referred for evaluation.