



Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609-2000

December 12, 2002

U.S. Nuclear Regulatory Commission  
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Washington, D.C. 20555-0001

Gentlemen:

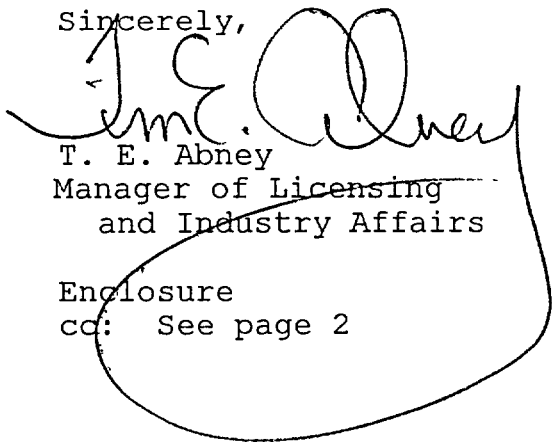
|                            |   |             |        |
|----------------------------|---|-------------|--------|
| In the Matter of           | ) | Docket Nos. | 50-259 |
| Tennessee Valley Authority | ) |             | 50-260 |
|                            |   |             | 50-296 |

**BROWNS FERRY NUCLEAR PLANT (BFN) - NOVEMBER 2002 MONTHLY OPERATING REPORT**

The enclosure provides the November-2002 Monthly Operating Report (MOR) as required by BFN Technical Specifications Section 5.6.4.

If you have any questions concerning this report, please call me at (256) 729-2636.

Sincerely,



T. E. Abney  
Manager of Licensing  
and Industry Affairs

Enclosure  
cc: See page 2

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Enclosure

cc (Enclosure):

(Via NRC Electronic Distribution)

Mr. Kahtan N. Jabbour, Senior Project Manager  
U.S. Nuclear Regulatory Commission  
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(MS 08G9)  
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Browns Ferry Nuclear Plant  
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Region II  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street, S.W., Suite 23T85  
Atlanta, Georgia 30303-8931

ENCLOSURE

TENNESSEE VALLEY AUTHORITY  
BROWNS FERRY NUCLEAR PLANT (BFN)

MONTHLY OPERATING REPORT

NOVEMBER 2002

UNIT 1

DOCKET NUMBER 50-259

LICENSE NUMBER DPR-33

UNIT 2

DOCKET NUMBER 50-260

LICENSE NUMBER DPR-52

UNIT 3

DOCKET NUMBER 50-296

LICENSE NUMBER DPR-68

## OPERATING DATA REPORT

Docket No. 50-259  
 Unit Name BFN Unit 1  
 Date December 5, 2002  
 Completed By J. E. Wallace  
 Telephone (256) 729-7874  
 Reporting Period November 2002  
 1. Design Electrical Rating (Net MWe): 1065  
 2. Maximum Dependable Capacity (MWe-Net) 0

|   | Month | Yr-to-Date | Cumulative* |
|---|-------|------------|-------------|
| 3. Number of Hours<br>Reactor was Critical  | 0     | 0          | 59521       |
| 4. Hours Generator<br>On-Line               | 0     | 0          | 58267       |
| 5. Unit Reserve<br>Shutdown Hours           | 0     | 0          | 0           |
| 6. Net Electrical Energy Generated<br>(MWh) | 0     | 0          | 53,796,427  |

\* Excludes hours under Administration Hold (June 1, 1985 to Present)

## OPERATING DATA REPORT

Docket No. 50-260  
 Unit Name BFN Unit 2  
 Date December 5, 2002  
 Completed By J. E. Wallace  
 Telephone (256) 729-7874  
 Reporting Period November 2002  
 1. Design Electrical Rating (Net MWe): 1120  
 2. Maximum Dependable Capacity (MWe-Net) 1118

|   | Month   | Yr-to-Date | Cumulative  |
|---|---------|------------|-------------|
| 3. Number of Hours<br>Reactor was Critical  | 720     | 7,554      | 147,663     |
| 4. Hours Generator<br>On-Line               | 720     | 7,526      | 145,017     |
| 5. Unit Reserve<br>Shutdown Hours           | 0       | 0          | 0           |
| 6. Net Electrical Energy Generated<br>(MWh) | 785,730 | 8,136,063  | 144,377,528 |

## OPERATING DATA REPORT

Docket No            50-296  
 Unit Name            BFN Unit 3  
 Date                  December 5, 2002  
 Completed By        J. E. Wallace  
 Telephone            (256) 729-7874  
 Reporting Period    November 2002  
 1. Design Electrical Rating (Net MWe):            1120  
 2. Maximum Dependable Capacity (MWe-Net)    1118

|   | Month   | Yr-to-Date | Cumulative  |
|---|---------|------------|-------------|
| 3. Number of Hours<br>Reactor was Critical  | 720     | 7,674      | 104,504     |
| 4. Hours Generator<br>On-Line               | 720     | 7,663      | 103,080     |
| 5. Unit Reserve<br>Shutdown Hours           | 0       | 0          | 0           |
| 6. Net Electrical Energy Generated<br>(MWh) | 815,742 | 8,418,175  | 105,140,968 |

**UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT MONTH: NOVEMBER 2002**

**DOCKET NO:** 50-259  
**UNIT NAME:** BFN-1  
**DATE:** December 5, 2002  
**COMPLETED BY:** J. E. Wallace  
**TELEPHONE:** (256) 729-7874

| No. | Date     | Type <sup>1</sup> | Duration (Hours) | Reason <sup>2</sup> | Method of Shutting Down Reactor <sup>3</sup> | Licensee Event Report No. | System Code <sup>4</sup> | Component Code <sup>4</sup> | Cause and Corrective Action to Prevent Recurrence            |
|-----|----------|-------------------|------------------|---------------------|--|---------------------------|--------------------------|-----------------------------|--|
| 1   | 06/01/85 | S                 | 720              | F                   | 4  | N/A                       | N/A                      | N/A                         | Administrative hold to resolve various TVA and NRC concerns. |

<sup>1</sup>F: Forced  
S: Scheduled

<sup>2</sup>Reason:  
A-Equipment Failure (Explain)  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training and License Examination  
F-Administrative  
G-Operational Error (Explain)  
H-Other (Explain)

<sup>3</sup>Method  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Continuation of Existing Outage  
5-Reduction  
9-Other

<sup>4</sup>Instructions for Preparation of Data Entry sheets for Licensee Event Report (LER) (NUREG - 1022)

**SUMMARY:** Unit 1 has been on administrative hold since June 1, 1985.

**UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT MONTH: NOVEMBER 2002**

**DOCKET NO:** 50-260  
**UNIT NAME:** BFN-2  
**DATE:** December 5, 2002  
**COMPLETED BY:** J. E. Wallace  
**TELEPHONE:** (256) 729-7874

| No. | Date     | Type | Duration (Hours) | Reason <sup>2</sup> | Method of Shutting Down Reactor <sup>3</sup> | Licensee Event Report No. | System Code <sup>4</sup> | Component Code <sup>4</sup> | Cause and Corrective Action to Prevent Recurrence   |
|-----|----------|------|------------------|---------------------|--|---------------------------|--------------------------|-----------------------------|---|
| 6   | 11/12/02 | S    | N/A              | A                   | 5  | N/A                       | N/A                      | N/A                         | At 1730 hours, Unit 2 reduced power level to 77 percent to troubleshoot and repair the 2C1 high pressure heater level control valve. Unit 2 was returned to 100 percent power at 2030 hours on November 15, 2002. |

<sup>1</sup> F: Forced  
S: Scheduled

<sup>2</sup> Reason:  
A-Equipment Failure (Explain)  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training and License Examination  
F-Administrative  
G-Operational Error (Explain)  
H-Other (Explain)

<sup>3</sup> Method  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Continuation of Existing Outage  
5-Reduction  
9-Other

<sup>4</sup> Instructions for Preparation of Data Entry sheets for Licensee Event Report (LER) (NUREG - 1022)

**SUMMARY:** Unit 2 operated 100 percent power except as noted above. Unit 2 began coastdown for refueling outage.

**UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT MONTH: NOVEMBER 2002**

**DOCKET NO:** 50-296  
**UNIT NAME:** BFN-3  
**DATE:** December 5, 2002  
**COMPLETED BY:** J. E. Wallace  
**TELEPHONE:** (256) 729-7874

| No. | Date | Type <sup>1</sup> | Duration (Hours) | Reason <sup>2</sup> | Method of Shutting Down Reactor <sup>3</sup> | Licensee Event Report No. | System Code <sup>4</sup> | Component Code <sup>4</sup> | Cause and Corrective Action to Prevent Recurrence |
|-----|------|-------------------|------------------|---------------------|--|---------------------------|--------------------------|-----------------------------|---|
| N/A |      |                   |                  |                     |  |                           |                          |                             |   |

<sup>1</sup>**F: Forced**  
**S: Scheduled**

<sup>2</sup>**Reason:**  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training and License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>**Method**  
 1-Manual  
 2-Manual Scram  
 3-Automatic Scram  
 4-Continuation of Existing Outage  
 5-Reduction  
 9-Other

<sup>4</sup> **Instructions for Preparation of Data Entry sheets for Licensee Event Report (LER) (NUREG - 1022)**

**SUMMARY:** Unit 3 has operated at or near 100 percent available power without any significant events.