



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

March 12, 2002

U.S. Nuclear Regulatory Commission  
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Gentlemen:

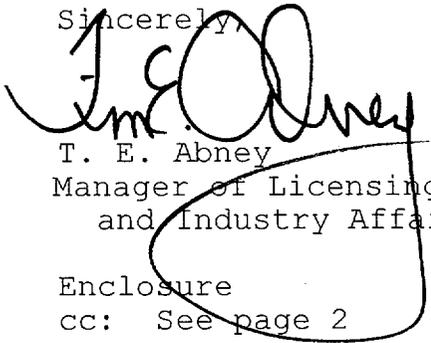
|                            |   |             |        |
|----------------------------|---|-------------|--------|
| In the Matter of           | ) | Docket Nos. | 50-259 |
| Tennessee Valley Authority | ) |             | 50-260 |
|                            |   |             | 50-296 |

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

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

Only one paper copy of this document is being sent to the NRC Document Control Desk. 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  
One White Flint, North  
(MS 08G9)  
Office of Nuclear Reactor Regulation  
11555 Rockville Pike  
Rockville, Maryland 20852-2738

NRC Resident Inspector  
Browns Ferry Nuclear Plant  
P.O. Box 149  
Athens, Alabama 35611

Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region II  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street, S.W., Suite 23T85  
Atlanta, Georgia 30303-8931

ENCLOSURE 1

TENNESSEE VALLEY AUTHORITY  
BROWNS FERRY NUCLEAR PLANT (BFN)

MONTHLY OPERATING REPORT

FEBRUARY 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 March 5, 2002  
 Completed By J. E. Wallace  
 Telephone (256) 729-7874  
 Reporting Period February 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 March 5, 2002  
 Completed By J. E. Wallace  
 Telephone (256) 729-7874  
 Reporting Period February 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  | 672     | 1416       | 141,525     |
| 4. Hours Generator<br>On-Line               | 672     | 1416       | 138,908     |
| 5. Unit Reserve<br>Shutdown Hours           | 0       | 0          | 0           |
| 6. Net Electrical Energy Generated<br>(MWh) | 767,114 | 1,608,420  | 137,849,885 |

## OPERATING DATA REPORT

Docket No. 50-296  
 Unit Name BFN Unit 3  
 Date March 5 2002  
 Completed By J. E. Wallace  
 Telephone (256) 729-7874  
 Reporting Period February 2002

- |    |                                       |      |
|----|---------------------------------------|------|
| 1. | Design Electrical Rating (Net MWe):   | 1120 |
| 2. | Maximum Dependable Capacity (MWe-Net) | 1118 |

|    |  | <u>Month</u> | <u>Yr-to-Date</u> | <u>Cumulative</u> |
|----|--|--------------|-------------------|-------------------|
| 3. | Number of Hours<br>Reactor was Critical  | 672          | 1416              | 98,246            |
| 4. | Hours Generator<br>On-Line               | 672          | 1416              | 96,832            |
| 5. | Unit Reserve<br>Shutdown Hours           | 0            | 0                 | 0                 |
| 6. | Net Electrical Energy Generated<br>(MWh) | 745,791      | 1,589,894         | 98,312,686        |

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

**DOCKET NO:** 50-259  
**UNIT NAME:** BFN-1  
**DATE:** March 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                 | 672              | 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: FEBRUARY 2002**

**DOCKET NO:** 50-260  
**UNIT NAME:** BFN-2  
**DATE:** MARCH 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 |
|-----|------|------|------------------|---------------------|--|---------------------------|--------------------------|-----------------------------|---|
| 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 2 has operated near 100 percent power without any significant events.

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

**DOCKET NO:** 50-296  
**UNIT NAME:** BFN-3  
**DATE:** MARCH 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 near 100 percent power without any significant events.