

May 13, 2003

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) - APRIL 2003 MONTHLY  
OPERATING REPORT**

The enclosure provides the April 2003 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,

original signed by:

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)

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U.S. Nuclear Regulatory Commission  
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DTL:JEW:BAB

Enclosure

cc (Enclosure):

- D. K. Baker, BR 3H-C
- A. S. Bhatnagar, PAB 1E-BFN
- M. J. Burzynski, BR 4X-C
- J. E. Maddox, LP 6A-C
- D. C. Olcsvary, LP 6A-C
- C. M. Root, PAB 1G-BFN
- J. R. Rupert, NAB 1A-BFN
- K. W. Singer, LP 6A-C
- M. D. Skaggs, POB 2C-BFN
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- R. E. Wiggall, PEC 2A-BFN
- NSRB Support, LP 5M-C
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ENCLOSURE

TENNESSEE VALLEY AUTHORITY  
BROWNS FERRY NUCLEAR PLANT (BFN)

MONTHLY OPERATING REPORT

APRIL 2003

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 May 4, 2003  
 Completed By J. E. Wallace  
 Telephone (256) 729-7874  
 Reporting Period April 2003

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 May 4, 2003  
 Completed By J. E. Wallace  
 Telephone (256) 729-7874  
 Reporting Period April 2003

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  | 719     | 2293       | 150,700     |
| 4. Hours Generator<br>On-Line               | 719     | 2265       | 148,027     |
| 5. Unit Reserve<br>Shutdown Hours           | 0       | 0          | 0           |
| 6. Net Electrical Energy Generated<br>(MWh) | 773,535 | 2,108,104  | 147,260,831 |

## OPERATING DATA REPORT

Docket No. 50-296  
 Unit Name BFN Unit 3  
 Date May 4, 2003  
 Completed By J. E. Wallace  
 Telephone (256) 729-7874  
 Reporting Period April 2003

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

|   | <b>Month</b> | <b>Yr-to-Date</b> | <b>Cumulative</b> |
|---|--------------|-------------------|-------------------|
| 3. Number of Hours<br>Reactor was Critical  | 719          | 2879              | 108,127           |
| 4. Hours Generator<br>On-Line               | 719          | 2879              | 106,703           |
| 5. Unit Reserve<br>Shutdown Hours           | 0            | 0                 | 0                 |
| 6. Net Electrical Energy Generated<br>(MWh) | 811,956      | 3,164,646         | 109,147,517       |

**UNIT SHUTDOWNS**  
**REPORT MONTH: APRIL 2003**

**DOCKET NO:** 50-259  
**UNIT NAME:** BFN-1  
**DATE:** May 4, 2003  
**COMPLETED BY:** J. E. Wallace  
**TELEPHONE:** (256) 729-7874

| No. | Date     | Type<br>F: Forced<br>S: Scheduled | Duration<br>(Hours) | Reason <sup>1</sup> | Method of<br>Shutting<br>Down<br>Reactor <sup>2</sup> | Cause and Corrective Action to Prevent Recurrence            |
|-----|----------|-----------------------------------|---------------------|---------------------|---|--|
| 1   | 06/01/85 | S                                 | 719                 | F                   | 4   | Administrative hold to resolve various TVA and NRC concerns. |

**<sup>1</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>2</sup> Method**

1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Continuation of Existing  
Outage  
5-Reduction  
9-Other

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

**UNIT SHUTDOWNS**  
**REPORT MONTH: APRIL 2003**

**DOCKET NO:** 50-260  
**UNIT NAME:** BFN-2  
**DATE:** May 4, 2003  
**COMPLETED BY:** J. E. Wallace  
**TELEPHONE:** (256) 729-7874

| No. | Date | Type<br>F: Forced<br>S: Scheduled | Duration<br>(Hours) | Reason <sup>1</sup> | Method of<br>Shutting<br>Down<br>Reactor <sup>2</sup> | Cause and Corrective Action to Prevent Recurrence |
|-----|------|-----------------------------------|---------------------|---------------------|---|---|
| N/A |      |                                   |                     |                     |   |   |

<sup>1</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>2</sup> **Method**

1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Continuation of Existing  
Outage  
5-Reduction  
9-Other

**SUMMARY:** Unit 2 has operated at or near 100 percent available power with no significant power reductions.



**UNIT SHUTDOWNS**  
**REPORT MONTH: APRIL 2003**

**DOCKET NO:** 50-296  
**UNIT NAME:** BFN-3  
**DATE:** May 4, 2003  
**COMPLETED BY:** J. E. Wallace  
**TELEPHONE:** (256) 729-7874

| No. | Date | Type<br>F: Forced<br>S: Scheduled | Duration<br>(Hours) | Reason <sup>1</sup> | Method of<br>Shutting<br>Down<br>Reactor <sup>2</sup> | Cause and Corrective Action to Prevent Recurrence |
|-----|------|-----------------------------------|---------------------|---------------------|---|---|
| N/A |      |                                   |                     |                     |   |   |

<sup>1</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>2</sup> **Method**

1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Continuation of Existing  
Outage  
5-Reduction  
9-Other

**SUMMARY:** Unit 3 has operated at or near 100 percent available power.