



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

January 12, 2003

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop: OWFN, P1-35
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) - DECEMBER 2003 MONTHLY OPERATING REPORT

The enclosure provides the December 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,

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

10833 Shaw Road

Athens, Alabama 35611-6970

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

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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
- E. J. Vigluicci ET 11A-K
- NSRB Support, LP 5M-C
- EDMS-K

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ENCLOSURE

**TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)**

MONTHLY OPERATING REPORT

DECEMBER 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 January 6, 2004
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period December 2003
 1. Design Electrical Rating (Net MWe): 1065
 2. Maximum Dependable Capacity (MWe-Net) 0

| | Month | Yr-to-Date | Cumulative* |
|---|-------|------------|-------------|
| 3. Number of Hours Reactor was Critical | 0 | 0 | 59521 |
| 4. Hours Generator On-Line | 0 | 0 | 58267 |
| 5. Unit Reserve Shutdown Hours | 0 | 0 | 0 |
| 6. Net Electrical Energy Generated (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 January 6, 2004
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period December 2003
 1. Design Electrical Rating (Net MWe): 1120
 2. Maximum Dependable Capacity (MWe-Net) 1118

| | Month | Yr-to-Date | Cumulative |
|---|---------|------------|-------------|
| 3. Number of Hours Reactor was Critical | 744 | 7927 | 156,334 |
| 4. Hours Generator On-Line | 744 | 7889 | 153,651 |
| 5. Unit Reserve Shutdown Hours | 0 | 0 | 0 |
| 6. Net Electrical Energy Generated (MWh) | 847,394 | 8,369,222 | 153,521,948 |

OPERATING DATA REPORT

Docket No. 50-296
 Unit Name BFN Unit 3
 Date January 6, 2004
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period December 2003
 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 Reactor was Critical | 744 | 8476 | 113,724 |
| 4. Hours Generator On-Line | 744 | 8463 | 112,286 |
| 5. Unit Reserve Shutdown Hours | 0 | 0 | 0 |
| 6. Net Electrical Energy Generated (MWh) | 843,110 | 9,325,733 | 115,308,603 |

**UNIT SHUTDOWNS
REPORT MONTH: DECEMBER 2003**

DOCKET NO: 50-259
UNIT NAME: BFN-1
DATE: January 6, 2004
COMPLETED BY: J. E. Wallace
TELEPHONE: (256) 729-7874

| No. | Date | Type F: Forced S: Scheduled | Duration (Hours) | Reason ¹ | Method of Shutting Down Reactor ² | Cause and Corrective Action to Prevent Recurrence |
|-----|----------|-----------------------------------|---------------------|---------------------|---|--|
| 1 | 06/01/85 | S | 744 | F | 4 | Administrative hold to resolve various TVA and NRC concerns. |

¹ Reason:

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

² Method

- 1-Manual
- 2-Manual Trip/Scram
- 3-Automatic Trip/Scram
- 4-Continuation Outage
- 5-Other (Explain)

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

**UNIT SHUTDOWNS
REPORT MONTH: DECEMBER 2003**

DOCKET NO: 50-260
UNIT NAME: BFN-2
DATE: January 6, 2004
COMPLETED BY: J. E. Wallace
TELEPHONE: (256) 729-7874

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

¹ Reason:

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

² Method

- 1-Manual
- 2-Manual Trip/Scram
- 3-Automatic Trip/Scram
- 4-Continuation Outage
- 5-Other (Explain)

SUMMARY: Unit 2 has operated at or near 100 percent available power

**UNIT SHUTDOWNS
REPORT MONTH: DECEMBER 2003**

DOCKET NO: 50-296
UNIT NAME: BFN-3
DATE: January 6, 2004
COMPLETED BY: J. E. Wallace
TELEPHONE: (256) 729-7874

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

¹ Reason:

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

² Method

- 1-Manual
- 2-Manual Trip/Scram
- 3-Automatic Trip/Scram
- 4-Continuation Outage
- 5-Other (Explain)

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