



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

April 11, 2002

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop OWFN, P1-35
Washington, D.C. 20555-0001
Gentlemen:

In the Matter of)
Tennessee Valley Authority)

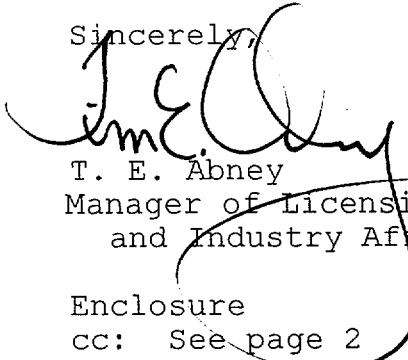
Docket Nos. 50-259
50-260
50-296

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

The enclosure provides the March 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

One White Flint, North

(MS 08G9)

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NRC Resident Inspector

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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

MARCH 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 April 5, 2002
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period March 2002

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 April 5, 2002
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period March 2002

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 | 2160 | 142,269 |
| 4. Hours Generator On-Line | 744 | 2160 | 139,652 |
| 5. Unit Reserve Shutdown Hours | 0 | 0 | 0 |
| 6. Net Electrical Energy Generated (MWh) | 818,668 | 2,427,088 | 138,668,553 |

OPERATING DATA REPORT

Docket No. 50-296
 Unit Name BFN Unit 3
 Date April 5, 2002
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period March 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 Reactor was Critical | 609 | 2,025 | 98,855 |
| 4. Hours Generator On-Line | 609 | 2,025 | 97,441 |
| 5. Unit Reserve Shutdown Hours | 0 | 0 | 0 |
| 6. Net Electrical Energy Generated (MWh) | 602,045 | 2,191,939 | 98,914,731 |

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH: MARCH 2002

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

| No. | Date | Type ¹ | Duration (Hours) | Reason ² | Method of Shutting Down Reactor ³ | Licensee Event Report No. | System Code ⁴ | Component Code ⁴ | Cause and Corrective Action to Prevent Recurrence |
|-----|----------|-------------------|---------------------|---------------------|---|---------------------------------|-----------------------------|--------------------------------|---|
| 1 | 06/01/85 | S | 744 | F | 4 | N/A | N/A | N/A | Administrative hold to resolve various TVA and NRC concerns. |

¹ **F: Forced**
S: Scheduled

² **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)

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

⁴ **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: MARCH 2002

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

| No. | Date | Type | Duration (Hours) | Reason ² | Method of Shutting Down Reactor ³ | Licensee Event Report No. | System Code ⁴ | Component Code ⁴ | Cause and Corrective Action to Prevent Recurrence |
|-----|----------|------|---------------------|---------------------|---|---------------------------------|-----------------------------|--------------------------------|--|
| 1 | 03/21/02 | S | 0 | B | 5 | N/A | N/A | N/A | Power reduction to perform Control Rod Suppression testing. |

¹ F: Forced
S: Scheduled

² 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)

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

⁴ 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 with the exception noted above.

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

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

| No. | Date | Type ¹ | Duration (Hours) | Reason ² | Method of Shutting Down Reactor ³ | Licensee Event Report No. | System Code ⁴ | Component Code ⁴ | Cause and Corrective Action to Prevent Recurrence |
|-----|----------|-------------------|---------------------|---------------------|---|---------------------------------|-----------------------------|--------------------------------|---|
| 1 | 03/26/02 | S | 135 | C | 2 | N/A | N/A | N/A | The unit was manually scrammed at 0859 hours on March 26, 2002, to begin the Cycle 10 refueling outage. |

¹ **F: Forced**
S: Scheduled

² **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)

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

⁴ **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 until the unit shut down for refueling.