

March 14, 2005

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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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) - FEBRUARY 2005 MONTHLY
OPERATING REPORT**

The enclosure provides the February 2005 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)

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

Eva A. Brown, Project Manager
U.S. Nuclear Regulatory Commission
(MS 08G9)
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852-2739

Mr. Stephen J. Cahill, Branch Chief
U.S. Nuclear Regulatory Commission
Region II
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW, Suite 23T85
Atlanta, Georgia 30303-8931

Ms. Margaret Chernoff, Project Manager
U.S. Nuclear Regulatory Commission
One White Flint, North
(MS 08G9)
11555 Rockville Pike
Rockville, Maryland 20852-2739

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DTL:JEW:BAB

Enclosures

A. S. Bhatnagar, LP 6A-C
J. C. Fornicola, LP 6A-C
R. G. Jones, NAB 1A-BFN
K. L. Krueger, POB 2C-BFN
R. F. Marks, PAB 1C-BFN
F. C. Mashburn, BR 4X-C
N. M. Moon, LP 6A-C
J. R. Rupert, NAB 1A-BFN
K. W. Singer, LP 6A-C
M. D. Skaggs, PAB 1E-BFN
E. J. Vigluicci, ET 11A-K
NSRB Support, LP 5M-C
EDMS WT CA - K

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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)

MONTHLY OPERATING REPORT

FEBRUARY 2005

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 4, 2005
Completed By J. E. Wallace
Telephone (256) 729-7874
Reporting Period February 2005
1. Design Electrical Rating (Net MWe): 1065
2. Maximum Dependable Capacity (MWe-Net) 0

| | <u>Month</u> | <u>Yr-to-Date</u> | <u>Cumulative*</u> |
|---|--------------|-------------------|--------------------|
| 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 March 4, 2005
Completed By J. E. Wallace
Telephone (256) 729-7874
Reporting Period February 2005
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 | 672 | 1416 | 166,470 |
| 4. Hours Generator On-Line | 672 | 1416 | 163,782 |
| 5. Unit Reserve Shutdown Hours | 0 | 0 | 0 |
| 6. Net Electrical Energy Generated (MWh) | 736,278 | 1,576,798 | 164,884,727 |

OPERATING DATA REPORT

Docket No. 50-296
 Unit Name BFN Unit 3
 Date March 4, 2005
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period February 2005
 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 | 581 | 1325 | 123,106 |
| 4. Hours Generator On-Line | 573 | 1317 | 121,605 |
| 5. Unit Reserve Shutdown Hours | 0 | 0 | 0 |
| 6. Net Electrical Energy Generated (MWh) | 612,601 | 1,447,348 | 125,457,776 |

**UNIT SHUTDOWNS
REPORT MONTH: FEBRUARY 2005**

DOCKET NO: 50-259
UNIT NAME: BFN-1
DATE: March 4, 2005
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 | 672 | 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.

REPORT MONTH: FEBRUARY 2005

DOCKET NO: 50-260
UNIT NAME: BFN-2
DATE: March 4, 2005
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 began to coast down for the upcoming Cycle 13 refueling outage

**UNIT SHUTDOWNS
REPORT MONTH: FEBRUARY 2005**

DOCKET NO: 50-296
UNIT NAME: BFN-3
DATE: March 4, 2005
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 | 02/11/05 | F | 99.23 | G | 3 | On February 11, 21005 at 1629 hours the reactor scrammed due to a turbine generator load rejection. The rejection resulted from an inadvertent electrical circuit being energized by Operations personnel. The reactor was synchronized to the grid on February 15, 2005 at 1943 hours. This event will be addressed in Licensee Event Report 50-296/2005-001-00. |

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 except as noted above.