



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

April 14, 2004

U.S. Nuclear Regulatory Commission
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Gentlemen:

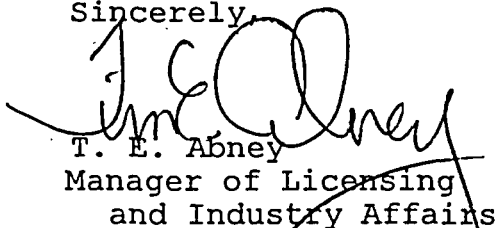
In the Matter of)	Docket Nos.	50-259
Tennessee Valley Authority)		50-260
			50-296

**BROWNS FERRY NUCLEAR PLANT (BFN) - MARCH 2004 MONTHLY
OPERATING REPORT**

The enclosure provides the March 2004 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

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cc: See page 2

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cc (Enclosure):

(Via NRC Electronic Distribution)

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U.S. Nuclear Regulatory Commission

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(MS 08G9)

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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)

MONTHLY OPERATING REPORT

MARCH 2004

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 4, 2004
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period March 2004
 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 4, 2004
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period March 2004
 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	2184	158,518
4. Hours Generator On-Line	744	2184	155,835
5. Unit Reserve Shutdown Hours	0	0	0
6. Net Electrical Energy Generated (MWh)	840,366	2,477,313	155,999,261

OPERATING DATA REPORT

Docket No. 50-296
 Unit Name BFN Unit 3
 Date April 4, 2004
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period March 2004

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	42.9	1483	115,207
4. Hours Generator On-Line	22.8	1463	113,750
5. Unit Reserve Shutdown Hours	0	0	0
6. Net Electrical Energy Generated (MWh)	1,235	1,520,936	116,829,539

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**UNIT SHUTDOWNS
REPORT MONTH: MARCH 2004**

DOCKET NO: 50-259
UNIT NAME: BFN-1
DATE: April 4, 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: MARCH 2004**

DOCKET NO: 50-260
UNIT NAME: BFN-2
DATE: April 4, 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: MARCH 2004**

DOCKET NO: 50-296
UNIT NAME: BFN-3
DATE: April 4, 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	03/01/04	S	717.2	C	2	On March 1, 2004, at 0910 hours, the Unit 3 cycle 11 refueling outage began. On March 30, 2004, at 2146 hours, the plant was tied to the grid; however, it was removed 25 minutes later due to testing for turbine high vibration. The vibration testing was completed, and the plant was re-tied to the grid ending the Unit 3, Cycle 11 outage on March 31, 2004, at 0637 hours.
2	03/31/04	S	3.7	B	5	On March 31, 2004, at 2020 hours, the main turbine was shutdown after load was removed from the main generator to support balance weight installation. The plant remained off the grid for the remainder of the reporting period.

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 began its cycle 11 refueling outage which continued until March 31, 2004, and turbine tests were performed.