

September 13, 2004

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) - AUGUST 2004 MONTHLY
OPERATING REPORT**

The enclosure provides the August 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,

Original signed by:

T. E. Abney
Manager of Licensing
and Industry Affairs

Enclosure

cc: See page 2

U.S. Nuclear Regulatory Commission
Page 2
September 13, 2004

Enclosure

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(Via NRC Electronic Distribution)

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U.S. Nuclear Regulatory Commission
Page 3
September 13, 2004

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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)

MONTHLY OPERATING REPORT

AUGUST 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 September 7, 2004
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period August 2004
 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 September 7, 2004
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period August 2004
 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	5791	162,125
4. Hours Generator On-Line	744	5786	159,437
5. Unit Reserve Shutdown Hours	0	0	0
6. Net Electrical Energy Generated (MWh)	829,751	6,493,393	160,015,342

OPERATING DATA REPORT

Docket No. 50-296
 Unit Name BFN Unit 3
 Date September 7, 2004
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period August 2004

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	5158	118,882
4.	Hours Generator On-Line	744	5127	117,414
5.	Unit Reserve Shutdown Hours	0	0	0
6.	Net Electrical Energy Generated (MWh)	792,525	5,514,516	120,823,119

**UNIT SHUTDOWNS
REPORT MONTH: AUGUST 2004**

DOCKET NO: 50-259
UNIT NAME: BFN-1
DATE: September 7, 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: AUGUST 2004**

DOCKET NO: 50-260
UNIT NAME: BFN-2
DATE: September 7, 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: AUGUST 2004**

DOCKET NO: 50-296
UNIT NAME: BFN-3
DATE: September 7, 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 except for maintenance and economics.