

November 15, 2004

U.S. Nuclear Regulatory Commission
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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) - OCTOBER 2004 MONTHLY
OPERATING REPORT**

The enclosure provides the October 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:

T. E. Abney
Manager of Licensing
and Industry Affairs

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cc: See page 2

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Enclosure

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Enclosure

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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)

MONTHLY OPERATING REPORT

OCTOBER 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 November 8, 2004
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period October 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 November 8, 2004
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period October 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	745	7256	163,590
4. Hours Generator On-Line	745	7251	160,902
5. Unit Reserve Shutdown Hours	0	0	0
6. Net Electrical Energy Generated (MWh)	840,706	8,135,008	161,656,956

OPERATING DATA REPORT

Docket No. 50-296
 Unit Name BFN Unit 3
 Date November 8, 2004
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period October 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	745	6623	120,347
4. Hours Generator On-Line	745	6592	118,879
5. Unit Reserve Shutdown Hours	0	0	0
6. Net Electrical Energy Generated (MWh)	835,086	7,149,269	122,457,871

UNIT SHUTDOWNS
REPORT MONTH: OCTOBER 2004

DOCKET NO: 50-259
UNIT NAME: BFN-1
DATE: November 8, 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	745	F	4	Administrative hold to resolve various TVA and NRC concerns.

¹Reason:

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)

²Method

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: OCTOBER 2004

DOCKET NO: 50-260
UNIT NAME: BFN-2
DATE: November 8, 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 except for testing.

UNIT SHUTDOWNS
REPORT MONTH: OCTOBER 2004

DOCKET NO: 50-296
UNIT NAME: BFN-3
DATE: November 8, 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 testing.