

December 14, 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) - NOVEMBER 2004 MONTHLY
OPERATING REPORT**

The enclosure provides the November 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

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cc: See page 2

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(Via NRC Electronic Distribution)

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JEW:BAB

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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)

MONTHLY OPERATING REPORT

NOVEMBER 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 December 8, 2004
Completed By J. E. Wallace
Telephone (256) 729-7874
Reporting Period November 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 December 8, 2004
Completed By J. E. Wallace
Telephone (256) 729-7874
Reporting Period November 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	720	7976	164,310
4. Hours Generator On-Line	720	7971	161,622
5. Unit Reserve Shutdown Hours	0	0	0
6. Net Electrical Energy Generated (MWh)	811,068	8,946,076	162,468,024

OPERATING DATA REPORT

Docket No. 50-296
 Unit Name BFN Unit 3
 Date December 8, 2004
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period November 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	691	7313	121,037
4. Hours Generator On-Line	665	7257	119,544
5. Unit Reserve Shutdown Hours	0	0	0
6. Net Electrical Energy Generated (MWh)	716,176	7,865,444	123,174,047

UNIT SHUTDOWNS
REPORT MONTH: NOVEMBER 2004

DOCKET NO: 50-259
UNIT NAME: BFN-1
DATE: December 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	720	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: NOVEMBER 2004

DOCKET NO: 50-260
UNIT NAME: BFN-2
DATE: December 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: NOVEMBER 2004

DOCKET NO: 50-296
UNIT NAME: BFN-3
DATE: December 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
4	11/23/04	F	54.9	H	3	On November 23, 2004, at 1002 hours the Unit 3 turbine tripped due to a loss of turbine speed feedback signal and the reactor scrammed as a result of the turbine trip. The turbine speed feedback signal was lost due to turbine speed fluctuation caused by a lighting strike on a 500kv line. The generator breaker was closed on November 25, 2004 at 1656 hours to end the outage.

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 the above noted reactor trip outage.