

November 14, 2003

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 2003 MONTHLY  
OPERATING REPORT**

The enclosure provides the October 2003 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)

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DTL:JEW:BAB

Enclosure

cc (Enclosure):

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- C. M. Root, PAB 1G-BFN
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ENCLOSURE

TENNESSEE VALLEY AUTHORITY  
BROWNS FERRY NUCLEAR PLANT (BFN)

MONTHLY OPERATING REPORT

OCTOBER 2003

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 5, 2003  
Completed By J. E. Wallace  
Telephone (256) 729-7874  
Reporting Period October 2003

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 5, 2003  
Completed By J. E. Wallace  
Telephone (256) 729-7874  
Reporting Period October 2003

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	658	6624	155,030
4. Hours Generator On-Line	658	6596	152,357
5. Unit Reserve Shutdown Hours	0	0	0
6. Net Electrical Energy Generated			

(MWh)

725,992

6,907,838

152,060,565

## OPERATING DATA REPORT

Docket No. 50-296  
Unit Name BFN Unit 3  
Date November 5, 2003  
Completed By J. E. Wallace  
Telephone (256) 729-7874  
Reporting Period October 2003

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	7012	112,260
4. Hours Generator On-Line	745	6999	110,822
5. Unit Reserve Shutdown Hours	0	0	0
6. Net Electrical Energy Generated (MWh)	811,316	7,675,410	113,658,281

**UNIT SHUTDOWNS**  
**REPORT MONTH: OCTOBER 2003**

**DOCKET NO:** 50-259  
**UNIT NAME:** BFN-1  
**DATE:** November 5, 2003  
**COMPLETED BY:** J. E. Wallace  
**TELEPHONE:** (256) 729-7874

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down Reactor <sup>2</sup>	Cause and Corrective Action to Prevent Recurrence
1	06/01/85	S	745	F	4	Administrative hold to resolve various TVA and NRC concerns.

**<sup>1</sup>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)

**<sup>2</sup>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: OCTOBER 2003**

**DOCKET NO:** 50-260  
**UNIT NAME:** BFN-2  
**DATE:** November 5, 2003  
**COMPLETED BY:** J. E. Wallace  
**TELEPHONE:** (256) 729-7874

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down Reactor <sup>2</sup>	Cause and Corrective Action to Prevent Recurrence
4	10/28/03	S	86.8	A	1	On October 28, 2003, at 0911 hours, the Unit 2 Operator inserted a manual scram to repair the failure of the number 2 extraction steam line bellows. This mid-cycle outage continued through the remainder of the reporting period.

**<sup>1</sup> 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)

**<sup>2</sup> 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 as noted above.



**UNIT SHUTDOWNS**  
**REPORT MONTH: OCTOBER 2003**

**DOCKET NO:** 50-296  
**UNIT NAME:** BFN-3  
**DATE:** November 5, 2003  
**COMPLETED BY:** J. E. Wallace  
**TELEPHONE:** (256) 729-7874

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down Reactor <sup>2</sup>	Cause and Corrective Action to Prevent Recurrence
N/A						

**<sup>1</sup> 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)

**<sup>2</sup> 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. However on October 25, 2003, power was reduced to 62 percent reactor power to adjust control rods to suppress leaking fuel. On October 28, 2003, 100 percent reactor power was attained.