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October 10, 2003

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Stop: OWFN, P1-35  
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) - SEPTEMBER 2003 MONTHLY  
OPERATING REPORT**

The enclosure provides the September 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

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DTL:JEW:BAB

Enclosure

cc (Enclosure):

- D. K. Baker, BR 3H-C
- A. S. Bhatnagar, PAB 1E-BFN
- M. J. Burzynski, BR 4X-C
- J. E. Maddox, LP 6A-C
- T. J. Niessen, PAB 1A-BFN
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- C. M. Root, PAB 1G-BFN
- J. R. Rupert, NAB 1A-BFN
- K. W. Singer, LP 6A-C
- M. D. Skaggs, POB 2C-BFN
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- NSRB Support, LP 5M-C
- EDMS-K

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ENCLOSURE

TENNESSEE VALLEY AUTHORITY  
BROWNS FERRY NUCLEAR PLANT (BFN)

MONTHLY OPERATING REPORT

SEPTEMBER 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 October 8, 2003  
 Completed By J. E. Wallace  
 Telephone (256) 729-7874  
 Reporting Period September 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 October 8, 2003  
 Completed By J. E. Wallace  
 Telephone (256) 729-7874  
 Reporting Period September 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	720	5965	154,372
4. Hours Generator On-Line	720	5937	151,699
5. Unit Reserve Shutdown Hours	0	0	0
6. Net Electrical Energy Generated			

(MWh)

805,184

6,181,847

151,334,573

## OPERATING DATA REPORT

Docket No. 50-296

Unit Name BFN Unit 3

Date October 8, 2003

Completed By J. E. Wallace

Telephone (256) 729-7874

Reporting Period September 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	720	6267	111,515
4. Hours Generator On-Line	720	6254	110,077
5. Unit Reserve Shutdown Hours	0	0	0
6. Net Electrical Energy Generated (MWh)	799,773	6,864,095	112,846,965

**UNIT SHUTDOWNS**  
**REPORT MONTH: SEPTEMBER 2003**

**DOCKET NO:** 50-259  
**UNIT NAME:** BFN-1  
**DATE:** October 8, 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	720	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: SEPTEMBER 2003**

**DOCKET NO:** 50-260  
**UNIT NAME:** BFN-2  
**DATE:** October 8, 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 2 has operated at or near 100 percent available power.

**UNIT SHUTDOWNS**  
**REPORT MONTH: SEPTEMBER 2003**

**DOCKET NO:** 50-296  
**UNIT NAME:** BFN-3  
**DATE:** October 8, 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.