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September 12, 2002

U.S. Nuclear Regulatory Commission  
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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) - AUGUST 2002 MONTHLY  
OPERATING REPORT**

The enclosure provides the August 2002 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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cc (Enclosure):

(Via NRC Electronic Distribution)

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U.S. Nuclear Regulatory Commission  
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DTL:JEW:BAB

Enclosure

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- M. J. Burzynski, BR 4X-C
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- D. C. Olcsvary, LP 6A-C
- C. M. Root, PAB 1G-BFN
- J. R. Rupert, LP 6A-C
- K. W. Singer, LP 6A-C
- E. J. Vigluicci ET 11A-K
- R. E. Wiggall, PEC 2A-BFN
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ENCLOSURE

TENNESSEE VALLEY AUTHORITY  
BROWNS FERRY NUCLEAR PLANT (BFN)

MONTHLY OPERATING REPORT

AUGUST 2002

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 6, 2002  
 Completed By J. E. Wallace  
 Telephone (256) 729-7874  
 Reporting Period August 2002

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 September 6, 2002  
 Completed By J. E. Wallace  
 Telephone (256) 729-7874  
 Reporting Period August 2002

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	744	5,597	145,706
4.	Hours Generator On-Line	744	5,577	143,068
5.	Unit Reserve Shutdown Hours	0	0	0
6.	Net Electrical Energy Generated (MWh)	807,883	6,174,436	142,415,900

## OPERATING DATA REPORT

Docket No. 50-296  
 Unit Name BFN Unit 3  
 Date September 6, 2002  
 Completed By J. E. Wallace  
 Telephone (256) 729-7874  
 Reporting Period August 2002

- 1. Design Electrical Rating (Net MWe): 1120
- 2. Maximum Dependable Capacity (MWe-Net) 1118

		<b>Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3.	Number of Hours Reactor was Critical	744	5,489	102,319
4.	Hours Generator On-Line	744	5,478	100,895
5.	Unit Reserve Shutdown Hours	0	0	0
6.	Net Electrical Energy Generated (MWh)	812,462	5,965,204	102,687,996

**UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT MONTH: AUGUST 2002**

**DOCKET NO:** 50-259  
**UNIT NAME:** BFN-1  
**DATE:** September 6, 2002  
**COMPLETED BY:** J. E. Wallace  
**TELEPHONE:** (256) 729-7874

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>4</sup>	Cause and Corrective Action to Prevent Recurrence
1	06/01/85	S	744	F	4	N/A	N/A	N/A	Administrative hold to resolve various TVA and NRC concerns.

<sup>1</sup> **F: Forced**  
**S: Scheduled**

<sup>2</sup> **Reason:**  
A-Equipment Failure (Explain)  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training and License Examination  
F-Administrative  
G-Operational Error (Explain)  
H-Other (Explain)

<sup>3</sup> **Method**  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Continuation of Existing Outage  
5-Reduction  
9-Other

<sup>4</sup> **Instructions for Preparation of Data Entry sheets for Licensee Event Report (LER) (NUREG - 1022)**

**SUMMARY:** Unit 1 has been on administrative hold since June 1, 1985.

**UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT MONTH: AUGUST 2002**

**DOCKET NO:** 50-260  
**UNIT NAME:** BFN-2  
**DATE:** September 6, 2002  
**COMPLETED BY:** J. E. Wallace  
**TELEPHONE:** (256) 729-7874

No.	Date	Type	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>4</sup>	Cause and Corrective Action to Prevent Recurrence
N/A									

<sup>1</sup> **F: Forced**  
**S: Scheduled**

<sup>2</sup> **Reason:**  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training and License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup> **Method**  
 1-Manual  
 2-Manual Scram  
 3-Automatic Scram  
 4-Continuation of Existing Outage  
 5-Reduction  
 9-Other

<sup>4</sup> **Instructions for Preparation of Data Entry sheets for Licensee Event Report (LER) (NUREG - 1022)**

**SUMMARY:** Unit 2 has operated at or near 100 percent available power without any significant events.



**UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT MONTH: AUGUST 2002**

**DOCKET NO:** 50-296  
**UNIT NAME:** BFN-3  
**DATE:** September 6, 2002  
**COMPLETED BY:** J. E. Wallace  
**TELEPHONE:** (256) 729-7874

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>4</sup>	Cause and Corrective Action to Prevent Recurrence
N/A									

<sup>1</sup> **F: Forced**  
**S: Scheduled**

<sup>2</sup> **Reason:**  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training and License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup> **Method**  
 1-Manual  
 2-Manual Scram  
 3-Automatic Scram  
 4-Continuation of Existing Outage  
 5-Reduction  
 9-Other

<sup>4</sup> **Instructions for Preparation of Data Entry sheets for Licensee Event Report (LER) (NUREG - 1022)**

**SUMMARY:** Unit 3 has operated at or near 100 percent available power without any significant events.