



Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609-2000

August 8, 2001

U.S. Nuclear Regulatory Commission  
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Gentlemen:

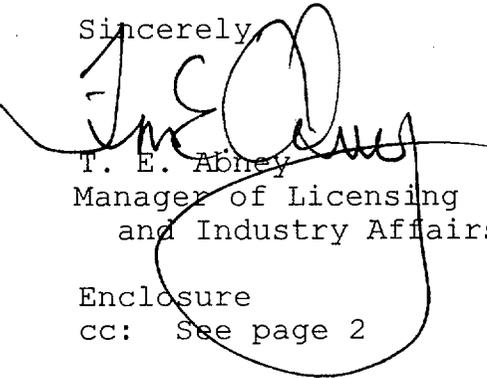
In the Matter of	)	Docket Nos.	50-259
Tennessee Valley Authority	)		50-260
			50-296

**BROWNS FERRY NUCLEAR PLANT (BFN) - JULY 2001 MONTHLY OPERATING REPORT**

The Enclosure provides the July 2001 Monthly Operating Report (MOR) as required by BFN Technical Specifications Section 5.6.4.

Only one paper copy of this document is being sent to the NRC Document Control Desk. If you have any questions concerning this report, please call me at (256) 729-2636.

Sincerely,



T. E. Abney  
Manager of Licensing  
and Industry Affairs

Enclosure  
cc: See page 2

IE 24.

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Enclosure

cc (Enclosure):

(Via NRC Electronic Distribution)

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ENCLOSURE 1

TENNESSEE VALLEY AUTHORITY  
BROWNS FERRY NUCLEAR PLANT (BFN)

MONTHLY OPERATING REPORT

JULY 2001

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 August 6, 2001  
 Completed By J. E. Wallace  
 Telephone (256) 729-7874  
 Reporting Period July 2001

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 August 6, 2001  
 Completed By J. E. Wallace  
 Telephone (256) 729-7874  
 Reporting Period July 2001

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	712	4,211	136,520
4. Hours Generator On-Line	706.4	4,065	133,921
5. Unit Reserve Shutdown Hours	0	0	0
6. Net Electrical Energy Generated (MWh)	773,733	4,441,926	132,268,832

## OPERATING DATA REPORT

Docket No. 50-296  
 Unit Name BFN Unit 3  
 Date August 6, 2001  
 Completed By J. E. Wallace  
 Telephone (256) 729-7874  
 Reporting Period July 2001

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

	<u>Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours Reactor was Critical	744	5,087	93,157
4. Hours Generator On-Line	744	5,087	91,743
5. Unit Reserve Shutdown Hours	0	0	0
6. Net Electrical Energy Generated (MWh)	816,513	5,685,900	92,605,335

**UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT MONTH: JULY 2001**

**DOCKET NO:** 50-259  
**UNIT NAME:** BFN-1  
**DATE:** August 6, 2001  
**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: JULY 2001**

**DOCKET NO:** 50-260  
**UNIT NAME:** BFN-2  
**DATE:** August 6, 2001  
**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
2	07/25/01	F	37.6	H	3	260/2001003	JJ	NA	On July 25, 2001, at 1025 hours, during the performance of CIV #1 testing, the reactor scrammed due to turbine generator load rejection. The apparent cause of the event was an improper, normalization constant for the generator megawatt signal in the EHC logic control circuit. This condition was introduced during the installation of the new digital EHC system. The signal was properly modified and the reactor was returned to service.

<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 near 100 percent power with the exception of the noted significant events.

**UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT MONTH: JULY 2001**

**DOCKET NO:** 50-296  
**UNIT NAME:** BFN-3  
**DATE:** August 6, 2001  
**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>3</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 near 100 percent power without any significant events.