

April 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) - MARCH 2003 MONTHLY
OPERATING REPORT**

The enclosure provides the March 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

U.S. Nuclear Regulatory Commission
Page 2
April 14, 2003

Enclosure

cc (Enclosure):

(Via NRC Electronic Distribution)

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U.S. Nuclear Regulatory Commission
Page 3
April 14, 2003

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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)

MONTHLY OPERATING REPORT

MARCH 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 April 3, 2003
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period March 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 April 3, 2003
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period March 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	269	1574	149,981
4.	Hours Generator On-Line	241	1546	147,308
5.	Unit Reserve Shutdown Hours	0	0	0
6.	Net Electrical Energy Generated (MWh)	196,148	1,334,570	146,487,296

OPERATING DATA REPORT

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

- 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	2160	107,408
4.	Hours Generator On-Line	744	2160	105,984
5.	Unit Reserve Shutdown Hours	0	0	0
6.	Net Electrical Energy Generated (MWh)	829,302	2,352,690	108,335,560

**UNIT SHUTDOWNS
REPORT MONTH: MARCH 2003**

DOCKET NO: 50-259
UNIT NAME: BFN-1
DATE: April 3, 2003
COMPLETED BY: J. E. Wallace
TELEPHONE: (256) 729-7874

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report No.	System Code ⁴	Component Code ⁴	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.

¹ **F: Forced**
S: Scheduled

² **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)

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

⁴ **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
REPORT MONTH: MARCH 2003**

DOCKET NO: 50-260
UNIT NAME: BFN-2
DATE: April 3, 2003
COMPLETED BY: J. E. Wallace
TELEPHONE: (256) 729-7874

No.	Date	Type	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report No.	System Code ⁴	Component Code ⁴	Cause and Corrective Action to Prevent Recurrence
1	02/24/03	S	357.1	C	2	N/A	N/A	N/A	On February 24, 2003, at 0900 hours, Unit 2 began its Cycle 12 refueling outage. The plant remained in an outage status through March 15, 2003, when the plant was synchronized to the grid at 2104 hours.
2	03/20/03	F	119.5	A	2	N/A	N/A	N/A	On March 20, 2003, at 0200 hours, the Unit Operator inserted a manual scram for a repair to a feedwater valve. The plant was synchronized to the grid on March 25, at 0124 hours, after the repair was made.
3	03/26/03	F	26.4	A	2	2003-003-00	AD	DRIV	On March 26, 2003, at 0245 hours, the 2B recirculation pump tripped. The Unit operator inserted a manual scram. The variable frequency driver's trip function for both recirc pumps were defeated. On March 27, 2003, at 0501 hours, the plant was again synchronized to the grid.

¹ **F: Forced**
S: Scheduled

² **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)

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

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

SUMMARY: Unit 2 had one scheduled and two forced shutdowns as noted above.

**UNIT SHUTDOWNS
REPORT MONTH: MARCH 2003**

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

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

¹ **F: Forced**
S: Scheduled

² **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)

³ **Method**
 1-Manual
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 9-Other

⁴ **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.