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January 14, 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) - DECEMBER 2002 MONTHLY
OPERATING REPORT**

The enclosure provides the December 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)

Mr. Kahtan N. Jabbour, Senior Project Manager
U.S. Nuclear Regulatory Commission
One White Flint, North
(MS 08G9)
Office of Nuclear Reactor Regulation
11555 Rockville Pike
Rockville, Maryland 20852-2738

NRC Resident Inspector
Browns Ferry Nuclear Plant
10833 Shaw Road
Athens, Alabama 35611-6970

Regional Administrator
U.S. Nuclear Regulatory Commission
Region II
Sam Nunn Atlanta Federal Center
61 Forsyth Street, S.W., Suite 23T85
Atlanta, Georgia 30303-8931

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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
- R. G. Jones, POB 2C-BFN
- 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
- NSRB Support, LP 5M-C
- EDMS-K

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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)

MONTHLY OPERATING REPORT

DECEMBER 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 January 6, 2003
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period December 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 January 6, 2003
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period December 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	8,298	148,407
4.	Hours Generator On-Line	744	8,270	145,761
5.	Unit Reserve Shutdown Hours	0	0	0
6.	Net Electrical Energy Generated (MWh)	775,198	8,911,262	145,152,726

OPERATING DATA REPORT

Docket No. 50-296
 Unit Name BFN Unit 3
 Date January 6, 2003
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period December 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	8,418	105,248
4.	Hours Generator On-Line	744	8,407	103,824
5.	Unit Reserve Shutdown Hours	0	0	0
6.	Net Electrical Energy Generated (MWh)	841,903	9,260,078	105,982,871

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

DOCKET NO: 50-259
UNIT NAME: BFN-1
DATE: January 6, 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 AND POWER REDUCTIONS
REPORT MONTH: DECEMBER 2002**

DOCKET NO: 50-260
UNIT NAME: BFN-2
DATE: January 6, 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
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
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 has operated without any significant events and began coastdown for refueling outage.

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

DOCKET NO: 50-296
UNIT NAME: BFN-3
DATE: January 6, 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
 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 3 has operated at or near 100 percent available power without any significant events.