



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

May 14, 2002

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) - APRIL 2002 MONTHLY OPERATING REPORT

The enclosure provides the April 2002 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

IE24

Rec'd
7/23/02

U.S. Nuclear Regulatory Commission
Page 2
May 14, 2002

Enclosure

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
P.O. Box 149
Athens, Alabama 35611

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

ENCLOSURE 1

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)

MONTHLY OPERATING REPORT

APRIL 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 May 9, 2002
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period April 2002

1. Design Electrical Rating (Net MWe): 1065
2. Maximum Dependable Capacity (MWe-Net) 0

		<u>Month</u>	<u>Yr-to-Date</u>	<u>Cumulative*</u>
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 May 9, 2002
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period April 2002

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	530	2690	142,799
4.	Hours Generator On-Line	523	2683	140,175
5.	Unit Reserve Shutdown Hours	0	0	0
6.	Net Electrical Energy Generated (MWh)	598,321	3,025,409	139,266,874

OPERATING DATA REPORT

Docket No. 50-296
 Unit Name BFN Unit 3
 Date May 9, 2002
 Completed By J. E. Wallace
 Telephone (256) 729-7874
 Reporting Period April 2002

- | | | |
|----|---------------------------------------|------|
| 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	512	2,537	99,367
4.	Hours Generator On-Line	501	2,526	97,943
5.	Unit Reserve Shutdown Hours	0	0	0
6.	Net Electrical Energy Generated (MWh)	497,858	2,689,797	99,412,589

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

DOCKET NO: 50-259
UNIT NAME: BFN-1
DATE: May 9, 2002
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	719	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: APRIL 2002**

DOCKET NO: 50-260
UNIT NAME: BFN-2
DATE: May 9, 2002
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
2	04/23/02	S	189	B	2	N/A	N/A	N/A	At 0300 hours, Unit 2 initiated a reactor shutdown for a mid-cycle outage to replace leaking fuel bundles. The Unit was tied to the grid on May 1, 2002, at 0005 hours.

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 near 100 percent power without any significant events with the exception noted above.

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

DOCKET NO: 50-296
UNIT NAME: BFN-3
DATE: May 9, 2002
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	04/01/02	S	218	C	2	N/A	N/A	N/A	The Unit continued in the Cycle 10 refueling outage which began on March 26, 2002, at 0859 hours. The Unit was tied to the grid on April 10, 2002, at 0254 hours.

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 after power ascension to 100 percent on 4/14/02.