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

JUN 14 1991

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

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

BROWNS FERRY NUCLEAR PLANT (BFN) - MONTHLY OPERATING REPORT FOR THE MONTH OF MAY 1991

In accordance with the requirements of the BFN Technical Specifications (TS) section 6.9.1.3, the Monthly Operating Report for the month of May 1991 is enclosed.

If you have any questions, please telephone me at (205) 729-3566.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

P. O. Carier

Patrick P. Carier, Manager
of Site Licensing

Enclosures
cc: See page 2

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U.S. Nuclear Regulatory Commission

JUN 14 1991

Enclosures
cc (Enclosures):
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MONTHLY OPERATING REPORT

BROWNS FERRY NUCLEAR PLANT

TENNESSEE VALLEY AUTHORITY

MAY 1991

DOCKET NUMBERS 50-259, 50-260, AND 50-296

LICENSE NUMBERS DPR-33, DPR-52, AND DPR-68

OPERATIONAL SUMMARY
MAY 1991

UNIT 1

Unit remains on administrative hold to resolve various TVA and NRC concerns.

UNIT 2

Unit restart permission was given on May 23, 1991. Operators began the process of starting the reactor by withdrawing the reactor control rods and starting a self-sustaining nuclear reaction that occurred on May 24, 1991.

UNIT 3

Unit remains on administrative hold to resolve various TVA and NRC concerns.

OPERATING DATA REPORT

DOCKET NO. 50-259
PREPARED BY S. A. Ratliff
TELEPHONE (205) 729-2937

OPERATING STATUS

	Notes
1. Unit Name: Browns Ferry Unit One	
2. Reporting Period: May 1991	
3. Licensed Thermal Power (MWt): 3293	
4. Nameplate Rating (Gross MWe): 1152	
5. Design Electrical Rating (Net MWe): 1065	
6. Maximum Dependable Capacity (Gross MWe): 1098.4	
7. Maximum Dependable Capacity (Net MWe): 1065	

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
N/A

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	744	3623	147607
12. Number of Hours Reactor Was Critical	0	0	59521
13. Reactor Reserve Shutdown Hours	0	0	6997
14. Hours Generator On-Line	0	0	58267
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	0	168066787
17. Gross Electrical Energy Generated (MWH)	0	0	55398130
18. Net Electrical Energy Generated (MWH)	-2433	-9977	53551493
19. Unit Service Factor	0	0	39.5
20. Unit Availability Factor	0	0	39.5
21. Unit Capacity Factor (Using MDC Net)	0	0	34.1
22. Unit Capacity Factor (Using DER Net)	0	0	34.1
23. Unit Forced Outage Rate	100	100	54.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
N/A

25. If Shut Down At End Of Report Period, Estimated Date of Startup: To be determined

0449k/11

OPERATING DATA REPORT

DOCKET NO. 50-260
PREPARED BY S. A. Ratliff
TELEPHONE (205) 729-2937

OPERATING STATUS

	Notes
1. Unit Name: Browns Ferry Unit Two	
2. Reporting Period: May 1991	
3. Licensed Thermal Power (MWt): 3293	
4. Nameplate Rating (Gross MWe): 1152	
5. Design Electrical Rating (Net MWe): 1065	
6. Maximum Dependable Capacity (Gross MWe): 1098.4	
7. Maximum Dependable Capacity (Net MWe): 1065	

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
N/A

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	744	3623	142494
12. Number of Hours Reactor Was Critical	39.6	39.6	55900
13. Reactor Reserve Shutdown Hours	0	0	14200
14. Hours Generator On-Line	0	0	54338
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	0	153245167
17. Gross Electrical Energy Generated (MWH)	0	0	50771798
18. Net Electrical Energy Generated (MWH)	-6447	-28214	49022907
19. Unit Service Factor	0	0	38.1
20. Unit Availability Factor	0	0	38.1
21. Unit Capacity Factor (Using MDC Net)	0	0	32.3
22. Unit Capacity Factor (Using DER Net)	0	0	32.3
23. Unit Forced Outage Rate	100	100	55.0

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
N/A

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A

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OPERATING DATA REPORT

DOCKET NO. 50-296
PREPARED BY S. A. Ratliff
TELEPHONE (205) 729-2937

OPERATING STATUS

		Notes
1.	Unit Name: Browns Ferry Unit Three	
2.	Reporting Period: May 1991	
3.	Licensed Thermal Power (MWt): 3293	
4.	Nameplate Rating (Gross MWe): 1152	
5.	Design Electrical Rating (Net MWe): 1065	
6.	Maximum Dependable Capacity (Gross MWe): 1098.4	
7.	Maximum Dependable Capacity (Net MWe): 1065	

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
N/A

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	744	3623	124919
12. Number of Hours Reactor Was Critical	0	0	45306
13. Reactor Reserve Shutdown Hours	0	0	5150
14. Hours Generator On-Line	0	0	44195
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	0	131858267
17. Gross Electrical Energy Generated (MWH)	0	0	43473760
18. Net Electrical Energy Generated (MWH)	-1663	-7944	41964592
19. Unit Service Factor	0	0	35.4
20. Unit Availability Factor	0	0	35.4
21. Unit Capacity Factor (Using MDC Net)	0	0	31.5
22. Unit Capacity Factor (Using DER Net)	0	0	31.5
23. Unit Forced Outage Rate	100	100	59.2

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
N/A

25. If Shut Down At End Of Report Period, Estimated Date of Startup: To be determined

0449k/13

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-259
UNIT NAME: One
PREPARED BY: S. A. Ratliff
REPORT MONTH: May 1991
TELEPHONE: (205) 729 2937

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report No.	System Code[4]	Compgnent Code[5]	Cause and Corrective Action to Prevent Recurrence
315	06/01/85	F	744	F	4				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]Exhibit G-Instructions for Preparation of Data Entry sheets for Licensee Event Report (LER) File (NUREG-061)

[5]Exhibit I-Same Source

0449k

DOCKET NO: 50-260
UNIT NAME: Two
COMPLETED BY: S. A. Ratliff
TELEPHONE: (205) 729-2937

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: May 1991

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report No.	System Code[4]	Component Code[5]	Cause and Corrective Action to Prevent Recurrence
none									

[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] Exhibit G-Instructions for Preparation of Data Entry sheets for Licensee Event Report (LER) File (NUREG-061)

[5] Exhibit I-Same Source

0449k

DOCKET NO: 50-296
UNIT NAME: Three
COMPLETED BY: S. A. Ratliff
TELEPHONE: (205) 729-2937

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: May 1991

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report No.	System Code[4]	Component Code[5]	Cause and Corrective Action to Prevent Recurrence
157	03/03/85	F	744	F	4				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] Exhibit G-Instructions for Preparation of Data Entry sheets for Licensee Event Report (LER) File (NUREG-061)

[5] Exhibit I-Same Source

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