



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

MAY 14 1991

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

Gentlemen:

In the Matter of
Tennessee Valley Authority

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)

Docket Nos. 50-259
50-260
50-296

BROWNS FERRY NUCLEAR PLANT (BFN) - MONTHLY OPERATING REPORT FOR THE MONTH
OF APRIL 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 April
1991 is enclosed.

If you have any questions, please telephone me at (205) 729-3570.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

Patrick P. Carrier, Manager
of Site Licensing

Enclosures

cc: See page 2

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U.S. Nuclear Regulatory Commission

MAY 14 1991

Enclosures

cc (Enclosures):

INPO Records Center
Institute of Nuclear Power Operations
1100 Circle 75 Parkway, Suite 1500
Atlanta, Georgia 30389

Regional Administration
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. Frederick J. Hebdon, Director
Project Directorate II-4
Division of Reactor Projects I-II
Office of Nuclear Reactor
Regulation, Mail 13 H3
Washington, D. C. 20555

Mr. Ted Marston, Director
Electric Power Research Institute
P. O. Box 10412
Palo Alto, California 94304

Mr. B. A. Wilson, Project Chief
U.S. Nuclear Regulatory Commission
Region II Regulatory Commission
101 Marietta Street, NW, Suite 2900
Atlanta Georgia 30323

NRC Resident Inspector
Browns Ferry Nuclear Plant
Route 12, Box 637
Athens, Alabama 35609-2000

Mr. Fred Yost, Director of Research
Services, Utility Data Institute, Inc.,
1700 K Street N. W., Suite 400
Washington, D.C. 20006

MONTHLY OPERATING REPORT

BROWNS FERRY NUCLEAR PLANT

TENNESSEE VALLEY AUTHORITY

APRIL 1991

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

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

OPERATIONAL SUMMARY
APRIL 1991

UNIT 1

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

UNIT 2

Unit remains on administrative hold to resolve various TVA and NRC concerns. Modification, operation, and maintenance work continues to support restart. Fuel loading activities completed on March 6, 1991. Restart of Unit 2 is scheduled for May 1991.

UNIT 3

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-259

Unit One

PREPARED BY S. A. Ratliff

TELEPHONE (205) 729-2937

MONTH APRIL 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>		
16	<u>0</u>		

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-260

Unit Two

PREPARED BY S. A. Ratliff

TELEPHONE (205) 729-2937

MONTH APRIL 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>		
16	<u>0</u>		

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AVERAGE DAILY UNIT POWER LEVEL

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

MONTH APRIL 91

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>		
16	<u>0</u>		

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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: April 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	719	2879	146863
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 (MMH)	0	0	168066787
17. Gross Electrical Energy Generated (MMH)	0	0	55398130
18. Net Electrical Energy Generated (MMH)	-1532	-7544	53553926
19. Unit Service Factor	0	0	39.7
20. Unit Availability Factor	0	0	39.7
21. Unit Capacity Factor (Using MDC Net)	0	0	34.2
22. Unit Capacity Factor (Using DER Net)	0	0	34.2
23. Unit Forced Outage Rate	100	100	54.5
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

OPERATING DATA REPORT

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

OPERATING STATUS

	Notes
1. Unit Name: <u>Browns Ferr Unit Two</u>	
2. Reporting Period: <u>April 1991</u>	
3. Licensed Thermal Power (Mwt): <u>3293</u>	
4. Nameplate Rating (Gross MWe): <u>1152</u>	
5. Design Electrical Rating (Net MWe): <u>1065</u>	
6. Maximum Dependable Capacity (Gross MWe): <u>1098.4</u>	
7. Maximum Dependable Capacity (Net MWe): <u>1065</u>	
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: <u>N/A</u>	

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	<u>719</u>	<u>2879</u>	<u>141750</u>
12. Number of Hours Reactor Was Critical	<u>0</u>	<u>0</u>	<u>55860</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>14200</u>
14. Hours Generator On-Line	<u>0</u>	<u>0</u>	<u>54338</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>153245167</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>50771798</u>
18. Net Electrical Energy Generated (MWH)	<u>-7075</u>	<u>-21767</u>	<u>49029354</u>
19. Unit Service Factor	<u>0</u>	<u>0</u>	<u>38.3</u>
20. Unit Availability Factor	<u>0</u>	<u>0</u>	<u>38.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>0</u>	<u>32.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>0</u>	<u>32.5</u>
23. Unit Forced Outage Rate	<u>100</u>	<u>100</u>	<u>54.8</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>N/A</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: May 1991

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: April 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	719	2879	124175
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	131868267
17. Gross Electrical Energy Generated (MWH)	0	0	43473760
18. Net Electrical Energy Generated (MWH)	-1517	-6281	41966255
19. Unit Service Factor	0	0	35.6
20. Unit Availability Factor	0	0	35.6
21. Unit Capacity Factor (Using MOC Net)	0	0	31.7
22. Unit Capacity Factor (Using DER Net)	0	0	31.7
23. Unit Forced Outage Rate	100	100	58.9
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

DOCKET NO: 50-259

UNIT NAME: One

PREPARED BY: S. A. Ratliff

REPORT MONTH: April 1991

TELEPHONE: (205) 729-2937

[illegible]

¹F: Forced
S: Scheduled

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

⁴Exhibit G-Instructions
for Preparation of Data
Entry sheets for Licensee
Event Report (LER) File
(NUREG-061)

Exhibit I-Same Source

REPORT MONTH: April 1991

TELEPHONE: (205) 729-2937

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REPORT MONTH: April 1991

TELEPHONE: (205) 729-2937

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