

MONTHLY OPERATING REPORT

BROWNS FERRY NUCLEAR PLANT

TENNESSEE VALLEY AUTHORITY

MAY 1992

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

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

9206230191 920612
PDR ADOCK 05000259
R PDR

OPERATIONAL SUMMARY
MAY 1992

UNIT 1

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

UNIT 2

Unit 2 generated 801,230 MWHs (gross) electrical power and was on line 100 percent of the reporting period.

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 MAY 1992

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1 0

2 0

3 0

4 0

5 0

6 0

7 0

8 0

9 0

10 0

11 0

12 0

13 0

14 0

15 0

16 0

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17 0

18 0

19 0

20 0

21 0

22 0

23 0

24 0

25 0

26 0

27 0

28 0

29 0

30 0

31 0

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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 MAY 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>939</u>	17	<u>1071</u>
2	<u>956</u>	18	<u>1081</u>
3	<u>846</u>	19	<u>1084</u>
4	<u>998</u>	20	<u>1076</u>
5	<u>1085</u>	21	<u>1070</u>
6	<u>1082</u>	22	<u>1077</u>
7	<u>1088</u>	23	<u>1022</u>
8	<u>1088</u>	24	<u>909</u>
9	<u>1074</u>	25	<u>1080</u>
10	<u>1087</u>	26	<u>1084</u>
11	<u>1086</u>	27	<u>1074</u>
12	<u>1064</u>	28	<u>1056</u>
13	<u>1084</u>	29	<u>1074</u>
14	<u>1085</u>	30	<u>1035</u>
15	<u>1087</u>	31	<u>1075</u>
16	<u>1083</u>		

NOTE: Net generation values are based on manual readings from an integrating watt hour meter. Small differences in the time of day of manual recording may cause the values to vary slightly.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-296

UNIT Three

PREPARED BY S. A. Ratliff

TELEPHONE (205) 729-2937

MONTH MAY 1992

DAY	AVERAGE DAILY POWER LEVEL (M's-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>	31	<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: <u>Browns Ferry Unit One</u>	
2. Reporting Period: <u>May 1992</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>744</u>	<u>3647</u>	<u>156391</u>
12. Number of Hours Reactor Was Critical	<u>0</u>	<u>0</u>	<u>59521</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>6997</u>
14. Hours Generator On-Line	<u>0</u>	<u>0</u>	<u>58267</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>168066787</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>55398130</u>
18. Net Electrical Energy Generated (MWH)	<u>-2324</u>	<u>-10412</u>	<u>53525078</u>
19. Unit Service Factor	<u>0</u>	<u>0</u>	<u>37.3</u>
20. Unit Availability Factor	<u>0</u>	<u>0</u>	<u>37.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>0</u>	<u>32.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>0</u>	<u>32.1</u>
23. Unit Forced Outage Rate	<u>100</u>	<u>100</u>	<u>57.7</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: 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 Ferry Unit Two</u>	
2. Reporting Period: <u>May 1992</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>744.0</u>	<u>3647.0</u>	<u>151278</u>
12. Number of Hours Reactor Was Critical	<u>744.0</u>	<u>3458.9</u>	<u>63965</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>14200</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>3402.9</u>	<u>61870</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2382641.1</u>	<u>1074608.1</u>	<u>175821940</u>
17. Gross Electrical Energy Generated (MWH)	<u>801230.0</u>	<u>3643290.0</u>	<u>58313098</u>
18. Net Electrical Energy Generated (MWH)	<u>782855.0</u>	<u>3555126.0</u>	<u>56365385</u>
19. Unit Service Factor	<u>100.0</u>	<u>93.3</u>	<u>40.9</u>
20. Unit Availability Factor	<u>100.0</u>	<u>93.3</u>	<u>40.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.8</u>	<u>91.5</u>	<u>35.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>98.8</u>	<u>91.5</u>	<u>35.0</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>1.2</u>	<u>52.1</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: N/A

OPERATING DATA REPORT

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

OPERATING STATUS

	Notes
1. Unit Name: <u>Browns Ferry Unit Three</u>	
2. Reporting Period: <u>May 1992</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>744.0</u>	<u>3647.0</u>	<u>133703</u>
12. Number of Hours Reactor Was Critical	<u>0</u>	<u>0</u>	<u>45306</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>5150</u>
14. Hours Generator On-Line	<u>0</u>	<u>0</u>	<u>44195</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>131866267</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>43473760</u>
18. Net Electrical Energy Generated (MWH)	<u>-1565.0</u>	<u>-8342.0</u>	<u>41944467</u>
19. Unit Service Factor	<u>0</u>	<u>0</u>	<u>33.1</u>
20. Unit Availability Factor	<u>0</u>	<u>0</u>	<u>33.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>0</u>	<u>29.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>0</u>	<u>29.5</u>
23. Unit Forced Outage Rate	<u>100.0</u>	<u>100.0</u>	<u>62.2</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: To be determined

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: May 1992DOCKET NO: 50-259UNIT NAME: OnePREPARED BY: S. A. RetliffTELEPHONE: (205) 729 2937

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
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-Game Source

PLLC207/449/14

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: May 1992DOCKET NO: 50-260UNIT NAME: TwoCOMPLETED BY: S. A. RatliffTELEPHONE: (205) 729-2937

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			744						

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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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: May 1992
 DOCKET NO: 50-296
 UNIT NAME: Three
 COMPLETED BY: S. A. Ratliff
 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	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.

¹F: Forced
S: Scheduled

²Reason:
 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)

³Method:
 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)

⁵Exhibit I-Same Source

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