

**OPERATIONAL SUMMARY
DECEMBER 1995**

BROWNS FERRY 1

Unit 1 remains shutdown on administrative hold to resolve various TVA and NRC concerns. Unit 1 has been on administrative hold since June 1, 1985. As a result, TVA considers that accrual of reporting hours is suspended since the unit has a maximum dependable capacity of 0 MWe. Accordingly, TVA does not consider cumulative reporting period hours for the period beginning June 1, 1985, when calculating the operating status variables.

BROWNS FERRY 2

During the month Unit 2 operated at a capacity factor of 100 percent and generated 815,180 megawatt hours gross electrical power. As of December 31, 1995, Unit 2 has operated continuously for 133 days.

BROWNS FERRY 3

After being shutdown and on administrative hold since June 1, 1985, the Unit 3 reactor was restarted and declared critical at 1203 hours on November 19, 1995. Power ascension testing was completed for Unit 3 on December 14, 1995. During the month Unit 3 operated at a capacity factor of 94.5 percent and generated 766,410 megawatt hours gross electrical power. As of December 31, 1995, Unit 3 has operated continuously for 33 days.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-259
 UNIT: BROWNS FERRY 1
 PREPARED BY: T. R. Smith
 TELEPHONE: (205) 729-2955

MONTH DECEMBER 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	16	0
2	0	17	0
3	0	18	0
4	0	19	0
5	0	20	0
6	0	21	0
7	0	22	0
8	0	23	0
9	0	24	0
10	0	25	0
11	0	26	0
12	0	27	0
13	0	28	0
14	0	29	0
15	0	30	0
		31	0

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-260
 UNIT: BROWNS FERRY 2
 PREPARED BY: T. R. Smith
 TELEPHONE: (205) 729-2955

MONTH DECEMBER 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1084</u>	16	<u>999</u>
2	<u>1088</u>	17	<u>1072</u>
3	<u>1086</u>	18	<u>1079</u>
4	<u>1086</u>	19	<u>1085</u>
5	<u>1013</u>	20	<u>1082</u>
6	<u>856</u>	21	<u>1079</u>
7	<u>1086</u>	22	<u>1087</u>
8	<u>1082</u>	23	<u>1082</u>
9	<u>1075</u>	24	<u>1084</u>
10	<u>1081</u>	25	<u>1082</u>
11	<u>1084</u>	26	<u>1078</u>
12	<u>1085</u>	27	<u>1086</u>
13	<u>1084</u>	28	<u>1081</u>
14	<u>1083</u>	29	<u>1075</u>
15	<u>1082</u>	30	<u>1083</u>
		31	<u>1084</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-296
 UNIT: BROWNS FERRY 3
 PREPARED BY: T. R. Smith
 TELEPHONE: (205) 729-2955

MONTH DECEMBER 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>530</u>	16	<u>1094</u>
2	<u>661</u>	17	<u>1089</u>
3	<u>947</u>	18	<u>1093</u>
4	<u>711</u>	19	<u>1099</u>
5	<u>690</u>	20	<u>1096</u>
6	<u>913</u>	21	<u>1085</u>
7	<u>820</u>	22	<u>1102</u>
8	<u>955</u>	23	<u>1096</u>
9	<u>1096</u>	24	<u>1091</u>
10	<u>1083</u>	25	<u>1093</u>
11	<u>1097</u>	26	<u>1086</u>
12	<u>1098</u>	27	<u>1100</u>
13	<u>1012</u>	28	<u>1099</u>
14	<u>988</u>	29	<u>1085</u>
15	<u>1096</u>	30	<u>1095</u>
		31	<u>1093</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH: DECEMBER 1995

DOCKET NO: 50-259
 UNIT: BROWNS FERRY 1
 PREPARED BY: T. R. Smith
 TELEPHONE: (205) 729-2955

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report No.	System Code ⁴	Component Code ⁴	Cause and Corrective Action to Prevent Recurrence
1	06/01/85	S	744	F	4				Administrative hold to resolve various TVA and NRC concerns.

¹F-Forced
 S-Scheduled

²A-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

⁴Instructions for Preparation of Licensee Event Reports (NUREG-1022)

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH: DECEMBER 1995

DOCKET NO: 50-260
 UNIT: BROWNS FERRY 2
 PREPARED BY: T. R. Smith
 TELEPHONE: (205) 729-2955

No.	Date	Type ¹	Duration (Hours) ^m	Reason ²	Method of Shutting Down Reactor ³	License Event Report No.	System Code ⁴	Component Code ⁴	Cause and Corrective Action to Prevent Recurrence
N/A									

¹F-Forced
 S-Scheduled

²A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training and License Examination
 F-Administrative
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³Method:
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⁴Instructions for Preparation of Licensee Event Reports (NUREG-1022)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: DECEMBER 1995

DOCKET NO: 50-296

UNIT: BROWNS FERRY 3
 PREPARED BY: T. R. Smith
 TELEPHONE: (205) 729-2955

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report No.	System Code ⁴	Component Code ⁴	Cause and Corrective Action to Prevent Recurrence
6	12/04/95	S	42	B	5				Reduced power to 55% for Feedwater tuning.

¹F-Forced
 S-Scheduled

²A-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

³Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Continuation of Existing Outage
 5-Reduction
 9-Other

⁴Instructions for Preparation of Licensee Event Reports (NUREG-1022)

DOCKET: 50-259
 UNIT: BROWNS FERRY 1
 PREPARED BY: T. R. SMITH
 TELEPHONE: (205) 729-2955

OPERATING STATUS

1. Unit Name: BROWNS FERRY UNIT 1
2. Reporting Period: DECEMBER 1995
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): 0
7. Maximum Dependable Capacity (Net MWe): 0
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reason: N/A
9. Power Level To Which Restricted, If Any (Net MWe): 0
10. Reason For Restrictions, If Any: Administrative Hold

THIS MONTH YEAR TO DATE CUMULATIVE*

11. Hours in Reporting Period	0	0	95743
12. 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 Generation (MWh)	0	0	168066787
17. Gross Electrical Generation (MWh)	0	0	55398130
18. Net Electrical Generation (MWh)	0	0	53796427
19. Unit Service Factor	0	0	60.9
20. Unit Availability Factor	0	0	60.9
21. Unit Capacity Factor (MDC Net)	0	0	52.8
22. Unit Capacity Factor (DER net)	0	0	52.8
23. Unit Forced Outage Rate	0	0	25.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A			
25. If Shut Down At End Of Reporting Period, Estimated Date of Startup: To be determined			

* Excludes hours under administrative hold
(June 1, 1985 to present)

OPERATING DATA REPORT

DOCKET: 50-260
 UNIT: BROWNS FERRY 2
 PREPARED BY: T. R. SMITH
 TELEPHONE: (205) 729-2955

OPERATING STATUS

1. Unit Name: BROWNS FERRY UNIT 2
2. Reporting Period: DECEMBER 1995
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 Reason: N/A
9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reason For Restrictions, If Any: N/A

	THIS MONTH	YEAR TO DATE	CUMULATIVE*
11. Hours in Reporting Period	744.0	8760	130831
12. Hours Reactor Was Critical	744.0	8652	90779
13. Reactor Reserve Shutdown Hours	0.0	0	14200
14. Hours Generator On Line	744.0	8628	88488
15. Unit Reserve Shutdown Hours	0.0	0	0
16. Gross Thermal Generation (MWh)	2419486.0	28171417	259340332
17. Gross Electrical Generation (MWh)	815180.0	9422140	86165318
18. Net Electrical Generation (MWh)	796113.0	9197035	83786871
19. Unit Service Factor	100.0	98.5	67.6
20. Unit Availability Factor	100.0	98.5	67.6
21. Unit Capacity Factor (MDC Net)	100.5	98.6	60.1
22. Unit Capacity Factor (DER net)	100.5	98.6	60.1
23. Unit Forced Outage Rate	0.0	1.5	16.0
24. Shutdowns Scheduled Over Next 6 Months Refueling Outage: March 23, 1996, 30 days			
25. If Shut Down At End Of Reporting Period, Estimated Date of Startup: N/A			

* Excludes hours under administrative hold
 (June 1, 1985 to May 24, 1991)

OPERATING DATA REPORT

DOCKET: 50-296
 UNIT: BROWNS FERRY 3
 PREPARED BY: T. R. SMITH
 TELEPHONE: (205) 729-2955

OPERATING STATUS

1. Unit Name: BROWNS FERRY UNIT 3
2. Reporting Period: DECEMBER 1995
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 Reason: N/A
9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reason For Restrictions, If Any: N/A

	THIS MONTH	YEAR TO DATE	CUMULATIVE*
11. Hours in Reporting Period	744.0	1020	74075
12. Hours Reactor Was Critical	744.0	989	46295
13. Reactor Reserve Shutdown Hours	0.0	0	5150
14. Hours Generator On Line	744.0	811	45005
15. Unit Reserve Shutdown Hours	0.0	0	0
16. Gross Thermal Generation (MWh)	2266270.2	2402014	134270281
17. Gross Electrical Generation (MWh)	766410.0	790430	44264190
18. Net Electrical Generation (MWh)	748625.0	764618	42878627
19. Unit Service Factor	100.0	79.5	60.8
20. Unit Availability Factor	100.0	79.5	60.8
21. Unit Capacity Factor (MDC Net)	94.5	70.4	54.4
22. Unit Capacity Factor (DER net)	94.5	70.4	54.4
23. Unit Forced Outage Rate	0.0	0.0	21.3
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A			
25. If Shut Down At End Of Reporting Period, Estimated Date of Startup: N/A			

* Excludes hours under administrative hold
(June 1, 1985 to November 19, 1995)