

NUCLEAR PLANT OPERATING STATISTICS

Browns Ferry Nuclear

Plant

*Corrected

Period Hours 672

Month February 19 85

Item No.	Unit No.	Unit 1	Unit 2	Unit 3	Plant	
1	Average Hourly Gross Load, kW	1,042,426	0	1,020,769	1,032,541	
2	Maximum Hour Net Generation, MWh	1068	0	1089	2164	
3	Core Thermal Energy Gen, GWD (t) ²	*86.0544	0	70.3399	*156.3943	
4	Steam Gen. Thermal Energy Gen., GWD (t) ²					
5	Gross Electrical Gen., MWh	700,510	0	576,020	1,276,530	
6	Station Use, MWh	18,542	2,609	15,596	36,747	
7	Net Electrical Gen., MWh	681,968	-2,609	560,424	1,239,783	
8	Station Use, Percent	2.65	0	2.71	2.88	
9	Accum. Core Avg. Exposure, MWD/Ton ¹	18,059	0	10,837	28,896	
10	CTEG This Month, 10 ⁶ BTU	7,178,064	0	5,750,990	12,929,054	
11	SGTEG This Month, 10 ⁶ BTU					
12						
13	Hours Reactor Was Critical	672	0	578.28	1250.28	
14	Unit Use, Hours-Min.	672	0	564.18	1236.18	
15	Capacity Factor, Percent	94.9	0	78.0	57.6	
16	Turbine Avail. Factor, Percent	100	0	100	66.7	
17	Generator Avail. Factor, Percent	100	0	100	66.7	
18	Turbogen. Avail. Factor, Percent	100	0	100	66.7	
19	Reactor Avail. Factor, Percent	100	0	100	66.7	
20	Unit Avail. Factor, Percent	100	0	84.0	61.3	
21	Turbine Startups	0	0	1	1	
22	Reactor Cold Startups	0	0	1	1	
23						
24	Gross Heat Rate, Btu/kWh	10,250	0	9,980	10,130	
25	Net Heat Rate, Btu/kWh	10,530	0	10,260	10,430	
26						
27						
28	Throttle Pressure, psig	937	0	933	935	
29	Throttle Temperature, °F	537	0	536	537	
30	Exhaust Pressure, InHg Abs.	0.99	0	1.07	1.03	
31	Intake Water Temp., °F	45.6	0	46.2	45.9	
32						
33	Main Feedwater, M lb/hr	12.6	0	12.6	12.6	
34						
35						
36						
37	Full Power Capacity, EFPD (3)	346	(4)	375		
38	Accum. Cycle Full Power Days, EFPD (3)	*356	(4)	62		
39	Oil Fired for Generation, Gallons				19,314	
40	Oil Heating Value, Btu/Gal.				140,900	
41	Diesel Generation, MWh				37.8	
42						
43	Max. Hour Net Gen.		Max. Day Net Gen.		Load Factor, %	
	MWh	Time	Date	MWh		Date
43	2164	0500	2/2	52,667	2-4-85	85.3
Remarks: 1 For BFNP this value is MWD/STU and for SQNP and WBNP this value is MWD/MTU.						
2(t) indicates Thermal Energy.						
(3) Information furnished by RX Analysis Group, Chattanooga.						
(4) End of cycle 5 refuel outage.						
8509100488 850716						
PDR ADOCK 05000259						
PDR						

 8509100488 850716
 PDR ADOCK 05000259
 R PDR

Date Submitted Date Revised

 [Signature]
 Plant Superintendent

OPERATING DATA REPORT

DOCKET NO. 50-259
 DATE 3-1-85
 COMPLETED BY T. Thom
 TELEPHONE (205) 729-2509

OPERATING STATUS

1. Unit Name: Unit 1, Browns Ferry
 2. Reporting Period: February 1985
 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

Notes

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>672</u>	<u>1416</u>	<u>92,816</u>
12. Number Of Hours Reactor Was Critical	<u>672</u>	<u>1214.33</u>	<u>59,087.93</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>672</u>	<u>1193.22</u>	<u>57,833.81</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>*2,065,306</u>	<u>*3,650,307</u>	<u>*166,766,273</u>
17. Gross Electrical Energy Generated (MWH)	<u>700,510</u>	<u>1,225,460</u>	<u>54,970,940</u>
18. Net Electrical Energy Generated (MWH)	<u>681,968</u>	<u>1,190,629</u>	<u>53,404,450</u>
19. Unit Service Factor	<u>100</u>	<u>84.3</u>	<u>62.3</u>
20. Unit Availability Factor	<u>100</u>	<u>84.3</u>	<u>62.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>95.3</u>	<u>79.0</u>	<u>54.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.3</u>	<u>79.0</u>	<u>54.0</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>15.7</u>	<u>22.0</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each)			

June 1985

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

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

