

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
	2164	0500	2/2	52,667	2-4-85
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.					

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 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