

38
NUCLEAR PLANT OPERATING STATISTICS

Browns Ferry Nuclear

Plant

*Corrected

744

Month March

19 85

Item No.	Unit No.	Unit-1	Unit-2	Unit-3	Plant
1	Average Hourly Gross Load, kW	985,558	0	1,072,171	1,013,968
2	Maximum Hour Net Generation, MWh	1031	0	1086	2079
3	Core Thermal Energy Gen, GWD (t) ²	*54.1881	0	26.9945	*81.1826
4	Steam Gen. Thermal Energy Gen., GWD (t) ²				
5	Gross Electrical Gen., MWh	427,190	0	226,850	654,040
6	Station Use, MWh	14,788	2,528	11,675	28,991
7	Net Electrical Gen., MWh	412,402	-2,528	215,175	625,049
8	Station Use, Percent	3.46	0	5.15	4.43
9	Accum. Core Avg. Exposure, MWD/Ton ¹	18,401	0	11,012	29,413
10	CTEG This Month, 10 ⁶ BTU	4,434,116	0	2,220,739	6,654,855
11	SGTEG This Month, 10 ⁶ BTU				
12					
13	Hours Reactor Was Critical	433.45	0	213.70	647.15
14	Unit Use, Hours-Min.	423:27	0	211:35	645:02
15	Capacity Factor, Percent	52.3	0	27.8	26.7
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	31.9	60.6
20	Unit Avail. Factor, Percent	58.3	0	28.4	28.9
21	Turbine Startups	0	0	0	0
22	Reactor Cold Startups	0	0	0	0
23					
24	Gross Heat Rate, Btu/kWh	10,380	0	9,790	10,180
25	Net Heat Rate, Btu/kWh	10,750	0	10,320	10,650
26					
27					
28	Throttle Pressure, psig	949	0	937	945
29	Throttle Temperature, °F	538	0	537	538
30	Exhaust Pressure, inHg Abs.	1.22	0	1.25	1.23
31	Intake Water Temp., °F	58.8	0	54.6	57.4
32					
33	Main Feedwater, M lb/hr	11.9	0	12.7	12.2
34					
35					
36					
37	Full Power Capacity, EFPD (3)	346	(4)	375	
38	Accum. Cycle Full Power Days, EFPD (3)	*372	(4)		
39	Oil Fired for Generation, Gallons				25,322
40	Oil Heating Value, Btu/Gal.				140,900
41	Diesel Generation, MWh				21.0
42					
43	Max. Hour Net Gen.			Max. Day Net Gen.	
	MWh	Time	Date	MWh	Date
	2079	1300	3/1/85	50,113	3/3/85
				40.4	


Remarks: ¹For BFNP this value is MWD/STU and for SQNP and WBNP this value is MWD/MTU²(t) indicates Thermal Energy.

(3) Information Furnished by Reactor Analysis Group, Chattanooga

(4) End of Cycle 5 Refuel Outage

B509100489 B50716
PDR ADOCK 05000259
R PDR

Submitted _____ Date Revised _____


Plant Superintendent

*Corrected

OPERATING DATA REPORT

DOCKET NO. 50-259
 DATE 4-1-85
 COMPLETED BY T. Thom
 TELEPHONE 729-2171

OPERATING STATUS

1. Unit Name: Browns Ferry One
 2. Reporting Period: March 1, 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	744	2,160	93,560
12. Number Of Hours Reactor Was Critical	433.45	1,647.78	59,521.38
13. Reactor Reserve Shutdown Hours	310.55	512.22	6,997.44
14. Hours Generator On-Line	433.45	1,626.67	58,267.26
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	*1,300,514	*4,950,821	*168,066,787
17. Gross Electrical Energy Generated (MWH)	427,190	1,652,650	55,398,130
18. Net Electrical Energy Generated (MWH)	412,402	1,603,031	53,816,852
19. Unit Service Factor	58.3	75.3	62.3
20. Unit Availability Factor	58.3	75.3	62.3
21. Unit Capacity Factor (Using MDC Net)	52.0	69.7	54.0
22. Unit Capacity Factor (Using DER Net)	52.0	69.7	54.0
23. Unit Forced Outage Rate	41.7	24.7	22.2
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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

