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REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8901180215 DOC.DATE: 88/11/30 NOTARIZED: NO DOCKET #
 FACIL:50-296 Browns Ferry Nuclear Power Station, Unit 3, Tennessee 05000296
 AUTH.NAME AUTHOR AFFILIATION
 RATLIFF,S.A. Tennessee Valley Authority
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Nov 1988 for Browns Ferry Unit 3.

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	NRR/DREP/RPB 10		1	1	
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NOTE TO ALL "RIDS" RECIPIENTS:

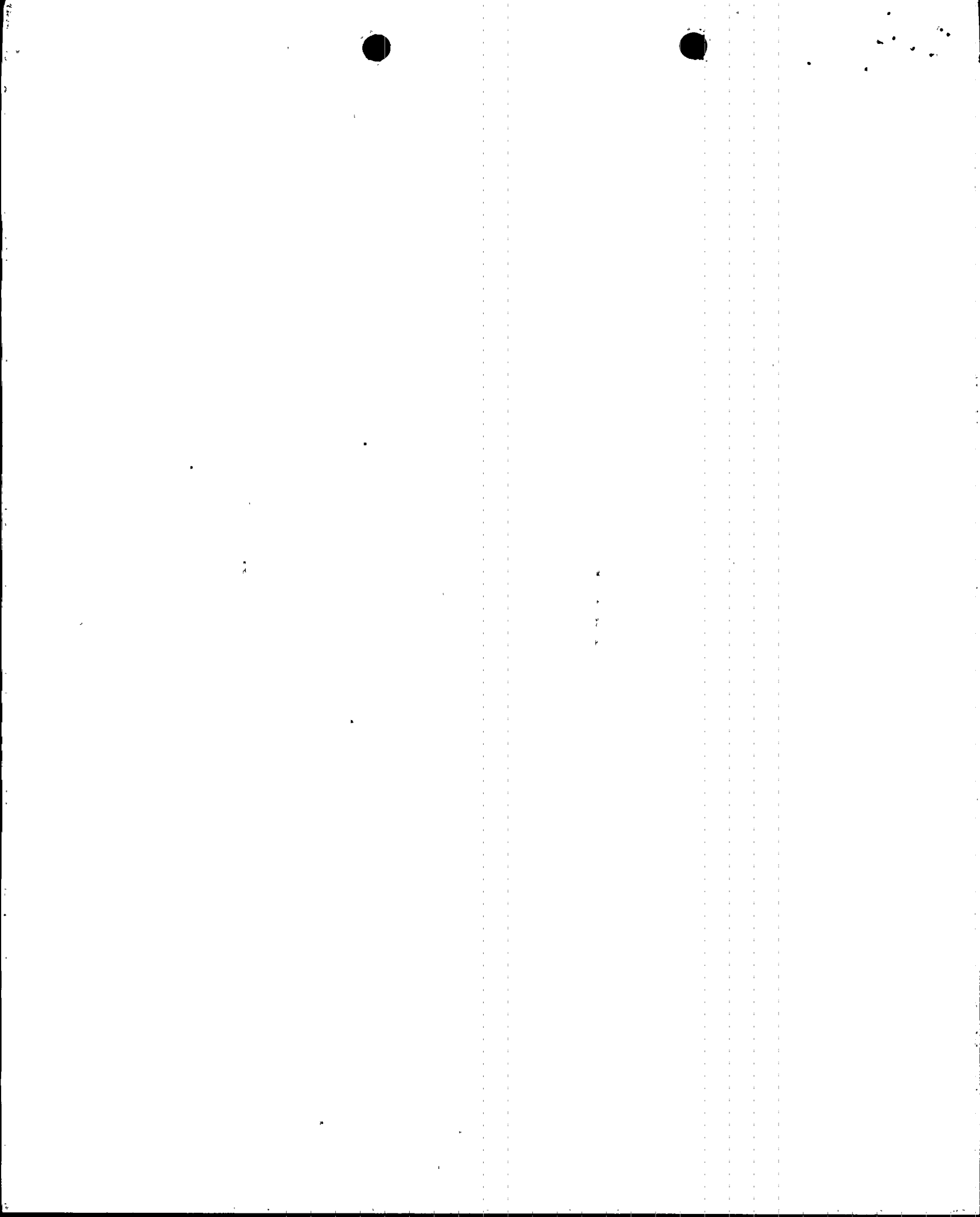
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OPERATING DATA REPORT

DOCKET NO. 50-296
 DATE 12-01-88
 COMPLETED BY S. A. Ratliff
 TELEPHONE (205) 729-2937

OPERATING STATUS

1. Unit Name: Browns Ferry Unit Three
2. Reporting Period: November 1988
3. Licensed Thermal Power (MWT): 5295
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
9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

Notes

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>8040</u>	<u>103,032.00</u>
12. Number of Hours Reactor Was Critical	<u>0</u>	<u>0</u>	<u>45,306.08</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>5,149.55</u>
14. Hours Generator On-Line	<u>0</u>	<u>0</u>	<u>44,194.76</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>131,868,267</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>43,473,760</u>
18. Net Electrical Energy Generated (MWH)	<u>-1525</u>	<u>-22460</u>	<u>42,018,688</u>
19. Unit Service Factor	<u>0</u>	<u>0</u>	<u>42.9</u>
20. Unit Availability Factor	<u>0</u>	<u>0</u>	<u>42.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>0</u>	<u>38.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>0</u>	<u>38.3</u>
23. Unit Forced Outage Rate	<u>100</u>	<u>100</u>	<u>48.8</u>
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 To be determined

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

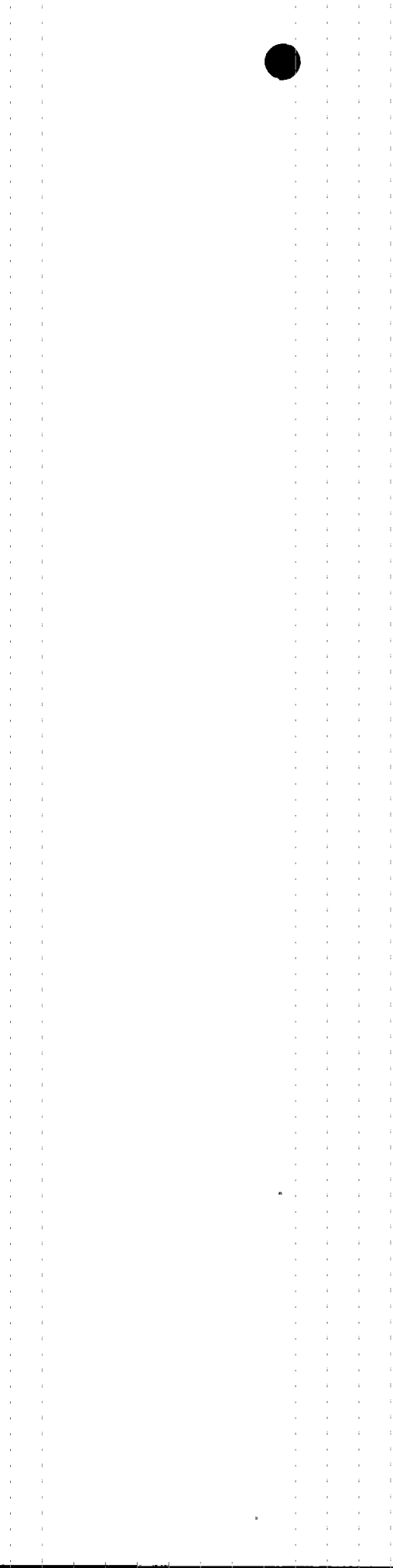
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

(9/77)

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-296
 UNIT NAME Three
 DATE 12-01-88
 COMPLETED BY S. A. Ratliff
 TELEPHONE (205) 729-2937

REPORT MONTH November

No	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
157	11-01-88	P	720	F	4				Administrative hold to resolve various TVA and NRC concerns.

¹ F: Forced
 S: Scheduled

² Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³ Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴ Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵ Exhibit I - Same Source

(9/77)



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-296
 Unit Three
 DATE 12-01-88
 COMPLETED BY S. A. Ratliff
 TELEPHONE (205)729-2937

MONTH NOVEMBER 1988

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

INSTRUCTIONS

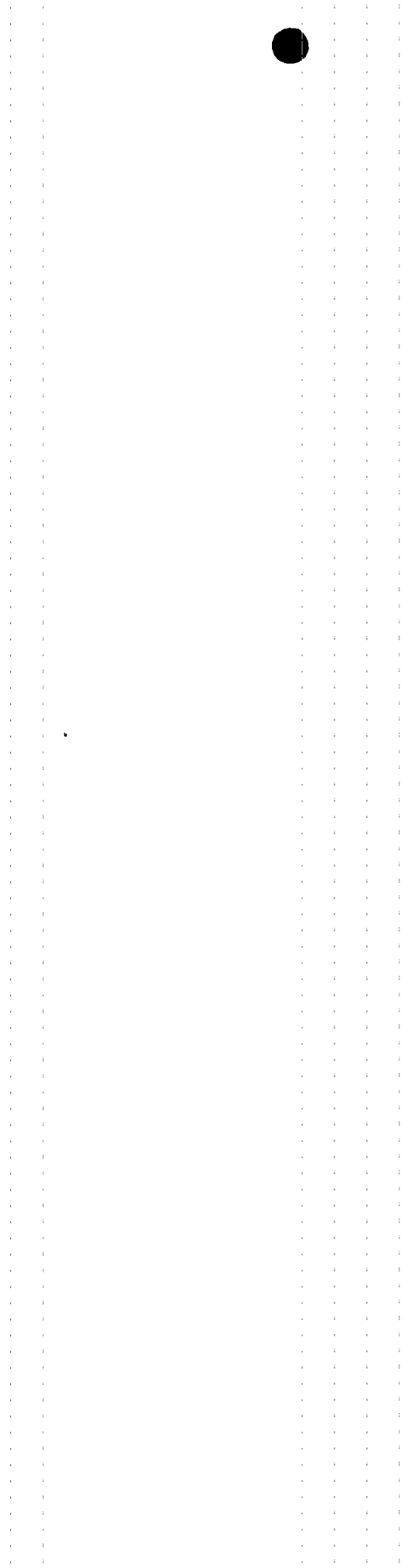
On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

(9/77)

1724J



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NUCLEAR PLANT OPERATING STATISTICS

Browns Ferry Nuclear Plant

Period Hours 720

Month November 19 88

	Item No.	Unit No.	UNIT 1			UNIT 2			UNIT 3			PLANT			
Generation	1	Average Hourly Gross Load, kW	0	0	0	0	0	0	0	0	0	0	0	0	
	2	Maximum Hour Net Generation, MWh	0	0	0	0	0	0	0	0	0	0	0	0	
	3	Core Thermal Energy Gen, GWD (t) ²	0	0	0	0	0	0	0	0	0	0	0	0	
	4	Steam Gen. Thermal Energy Gen., GWD (t) ²													
	5	Gross Electrical Gen., MWh	0	0	0	0	0	0	0	0	0	0	0	0	
	6	Station Use, MWh	4741	1997	1525	8263									
	7	Net Electrical Gen., MWh	-4741	-1997	-1525	-8263									
	8	Station Use, Percent	0	0	0	0	0	0	0	0	0	0	0	0	
	9	Accum. Core Avg. Exposure, MWD/Ton ¹	0	0	0	0	0	0	0	0	0	0	0	0	
	10	CTEG This Month, 10 ⁶ BTU	0	0	0	0	0	0	0	0	0	0	0	0	
	11	SGTEG This Month, 10 ⁶ BTU													
	12														
Factors & Use	13	Hours Reactor Was Critical	0	0	0	0	0	0	0	0	0	0	0	0	
	14	Unit Use, Hours-Min.	0	0	0	0	0	0	0	0	0	0	0	0	
	15	Capacity Factor, Percent	0	0	0	0	0	0	0	0	0	0	0	0	
	16	Turbine Avail. Factor, Percent	0	0	0	0	0	0	0	0	0	0	0	0	
	17	Generator Avail. Factor, Percent	0	0	0	0	0	0	0	0	0	0	0	0	
	18	Turbogen. Avail. Factor, Percent	0	0	0	0	0	0	0	0	0	0	0	0	
	19	Reactor Avail. Factor, Percent	0	0	0	0	0	0	0	0	0	0	0	0	
	20	Unit Avail. Factor, Percent	0	0	0	0	0	0	0	0	0	0	0	0	
	21	Turbine Startups	0	0	0	0	0	0	0	0	0	0	0	0	
	22	Reactor Cold Startups	0	0	0	0	0	0	0	0	0	0	0	0	
	23														
Efficiency	24	Gross Heat Rate, Btu/kWh	0	0	0	0	0	0	0	0	0	0	0	0	
	25	Net Heat Rate, Btu/kWh	0	0	0	0	0	0	0	0	0	0	0	0	
	26														
	27														
Temp & Press	28	Throttle Pressure, psig	0	0	0	0	0	0	0	0	0	0	0	0	
	29	Throttle Temperature, °F	0	0	0	0	0	0	0	0	0	0	0	0	
	30	Exhaust Pressure, InHg Abs.	0	0	0	0	0	0	0	0	0	0	0	0	
	31	Intake Water Temp., °F	0	0	0	0	0	0	0	0	0	0	0	0	
	32														
Flows	33	Main Feedwater, M lb/hr													
	34														
	35														
	36														
Misc.	37	Full Power Capacity, EFPD (3)	(4)	(4)	(4)	(4)	(4)	(4)							
	38	Accum. Cycle Full Power Days, EFPD	(4)	(4)	(4)	(4)	(4)	(4)							
	39	Oil Fired for Generation, Gallons										10,062.0			
	40	Oil Heating Value, Btu/Gal.										139,100.0			
	41	Diesel Generation, MWh										134.4			
	42														
Station Data	43		Max. Hour Net Gen.			Max. Day Net Gen.			Load Factor, %						
	MWh	Time	Date	MWh	Date										
	0			0											
	Remarks: ¹ For BFNPP this value is MWD/STU and for SQNP and WBNP this value is MWD/MTU.														
² (t) indicates Thermal Energy.															
³ Information furnished by Reactor Analysis Group, Chattanooga															
⁴ Administrative hold															



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UNIT OUTAGE AND AVAILABILITY

Browns Ferry Nuclear Plant

Unit No. Three

Licensed Reactor Power 3293 MW(th)

Generator Rating 1152 MW(e)

Design Gross Electrical Rating 1098.4 MW

Month/Year November 1988

Period Hours 720

Day	Time Unit Available						Time Not Available				Unit		OUTAGE CAUSE	METHOD OF SHUTTING DOWN REACTOR	UNIT STATUS DURING OUTAGE	CORRECTIVE ACTION TAKEN TO PREVENT REPETITION				
	Total		Gen.		Not Used		Turbine		Gen.		Reactor						Unit		Time Out	Time In
	Hrs	Min	Hrs	Min	Hrs	Min	Hrs	Min	Hrs	Min	Hrs	Min					Hrs	Min		
1							24	00	24	00	24	00	24	00			Administrative hold continues			
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30							24	00	24	00	24	00	24	00						
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total							720	00	720	00	720	00	720	00	X	X	X	X	X	

01/06/1989

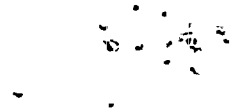
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BFN SITE DIRECTOR

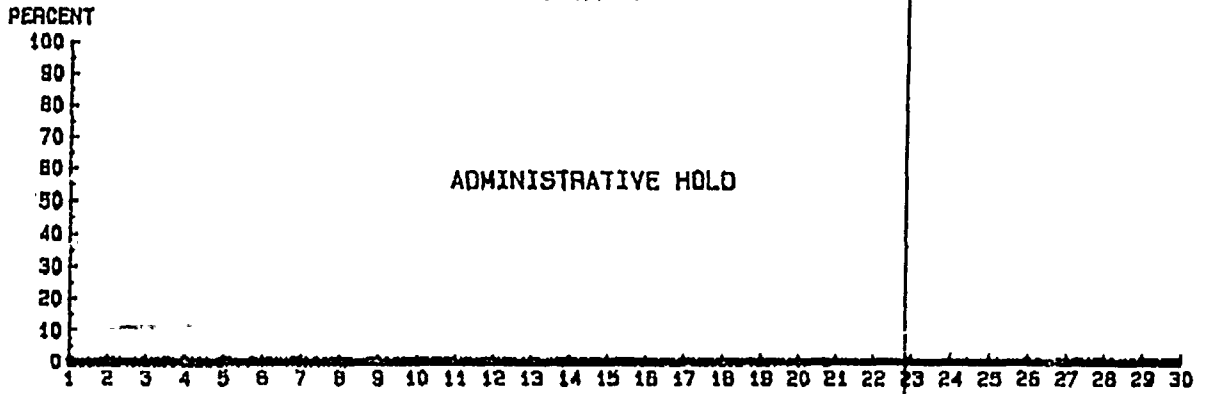
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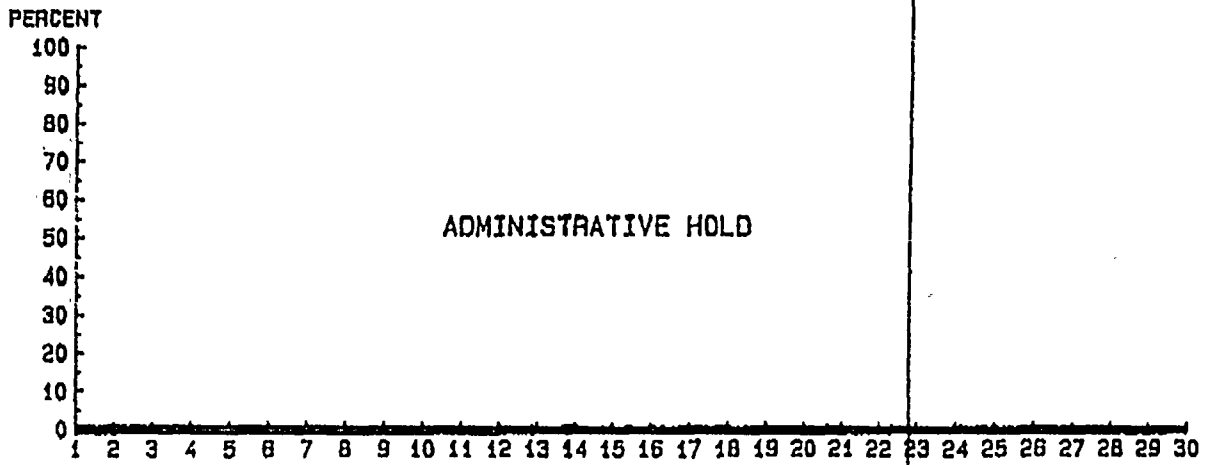
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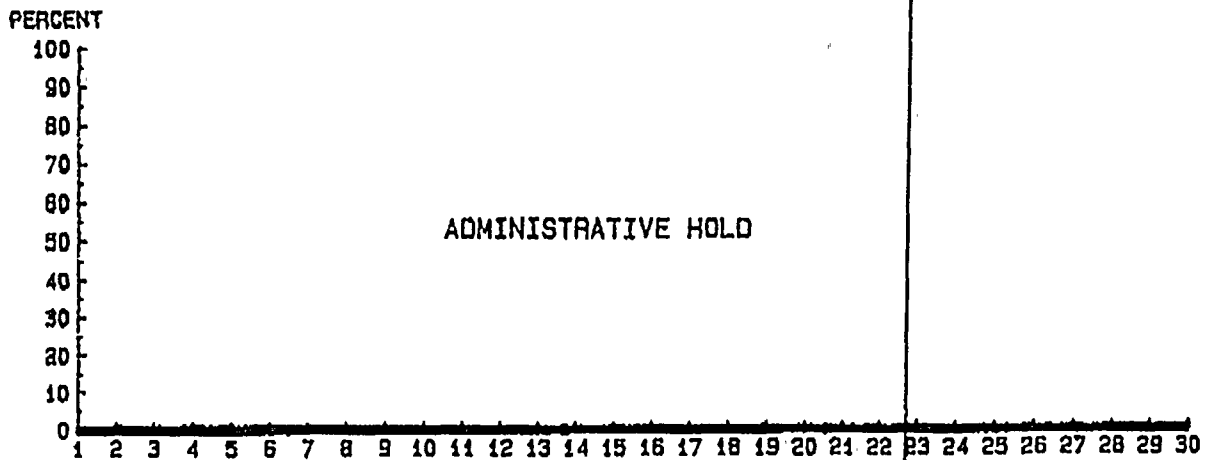
REACTOR POWER PERCENT
NOVEMBER 1988
UNIT 1



UNIT 2



UNIT 3





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