



Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609

November 16, 1992

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Gentlemen:

In the Matter of	)	Docket Nos. 50-259
Tennessee Valley Authority	)	50-260
		50-296

BROWNS FERRY NUCLEAR PLANT (BFN) - MONTHLY OPERATING REPORT FOR THE MONTH  
OF OCTOBER 1992

In accordance with the requirements of the BFN Technical Specifications  
section 6.9.1.3, the Monthly Operating Report for the month of October  
1992 is provided in the enclosure.

If you have any questions, please telephone me at (205) 729-7566.

Sincerely,

*BC Morris for*

G. D. Pierce  
Interim Manager of Site Licensing

Enclosures  
cc: See page 2

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PDR ADDCK 05000259  
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## U.S. Nuclear Regulatory Commission

November 16, 1992

## Enclosures

## cc (Enclosures):

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MONTHLY OPERATING REPORT

BROWNS FERRY NUCLEAR PLANT

TENNESSEE VALLEY AUTHORITY

OCTOBER 1992

DOCKET NUMBERS 50-259, 50-260, AND 50-296

LICENSE NUMBERS DPR-33, DPR-52, AND DPR-68

OPERATIONAL SUMMARY  
OCTOBER 1992

UNIT 1

Unit remains on administrative hold to resolve various TVA and NRC concerns.

UNIT 2

Unit 2 entered fuel coastdown on October 1, 1992, with a planned End of Cycle date on January 29, 1993. The unit was online 100 percent of the reporting period and generated 754,560 MWhs (Gross) Electrical Power.

UNIT 3

Unit remains on administrative hold to resolve various TVA and NRC concerns.

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-259

Unit One

PREPARED BY S. A. Ratliff

TELEPHONE (205) 729-2937

MONTH OCTOBER 1992

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

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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-260  
 Unit Two  
 PREPARED BY S. A. Ratliff  
 TELEPHONE (205) 729-2937

MONTH OCTOBER 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>920</u>	17	<u>984</u>
2	<u>907</u>	18	<u>990</u>
3	<u>944</u>	19	<u>985</u>
4	<u>1059</u>	20	<u>991</u>
5	<u>1051</u>	21	<u>973</u>
6	<u>1037</u>	22	<u>976</u>
7	<u>1036</u>	23	<u>973</u>
8	<u>1029</u>	24	<u>961</u>
9	<u>1030</u>	25	<u>1004*</u>
10	<u>1024</u>	26	<u>962</u>
11	<u>1017</u>	27	<u>958</u>
12	<u>1019</u>	28	<u>930</u>
13	<u>1003</u>	29	<u>955</u>
14	<u>1006</u>	30	<u>948</u>
15	<u>1042</u>	31	<u>945</u>
16	<u>961</u>		

NOTE: Net generation values are based on manual readings from an integrating watt hour meter. Small differences in the time of day of manual recording may cause the values to vary slightly.

(\*25 hours due to time change from Daylight Savings Time to Central Standard Time.)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-296

UNIT Three

PREPARED BY S. A. Ratliff

TELEPHONE (205) 729-2937

MONTH OCTOBER 1992

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

PLLIC207/449/10

# OPERATING DATA REPORT

DOCKET NO. 50-259  
PREPARED BY S. A. Ratliff  
TELEPHONE (205) 729-2937

## OPERATING STATUS

1. Unit Name: Browns Ferry Unit One
2. Reporting Period: October 1992
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	745*	7320	160064
12. Number of 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 Energy Generated (MWH)	0	0	168056787
17. Gross Electrical Energy Generated (MWH)	0	0	55398130
18. Net Electrical Energy Generated (MWH)	-2416	-22422	53513068
19. Unit Service Factor	0	0	36.4
20. Unit Availability Factor	0	0	36.4
21. Unit Capacity Factor (Using MDC Net)	0	0	31.4
22. Unit Capacity Factor (Using DER Net)	0	0	31.4
23. Unit Forced Outage Rate	100	100	58.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>N/A</u>			

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

\*Includes time change CDST to CST.



# OPERATING DATA REPORT

DOCKET NO. 50-260  
PREPARED BY S. A. Ratliff  
TELEPHONE (205) 729-2937

## OPERATING STATUS

1. Unit Name: Browns Ferry Unit Two
2. Reporting Period: October 1992
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	745.0*	7320.0	154951
12. Number of Hours Reactor Was Critical	745.0	7031.9	67538
13. Reactor Reserve Shutdown Hours	0	0	14200
14. Hours Generator On-Line	745.0	6940.5	65407
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2245537.4	21828712.4	186904568
17. Gross Electrical Energy Generated (MWH)	754560.0	7332390.0	62002198
18. Net Electrical Energy Generated (MWH)	734861.0	7151467.0	59961726
19. Unit Service Factor	100.0	94.8	42.2
20. Unit Availability Factor	100.0	94.8	42.2
21. Unit Capacity Factor (Using MDC Net)	92.6	91.7	36.3
22. Unit Capacity Factor (Using DER Net)	92.6	91.7	36.3
23. Unit Forced Outage Rate	0	2.5	50.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling, January 29, 1993, 120 days</u>			

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

\*Includes time change CDST to CST.

PLLIC207/449/12

DOCKET NO. 50-296  
PREPARED BY S. A. Ratliff  
TELEPHONE (205) 729-2937

1. Unit Name: Browns Ferry Unit Three	
2. Reporting Period: October 1992	
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	

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	745.0*	7320.0	13/376
12. Number of Hours Reactor Was Critical	0	0	45306
13. Reactor Reserve Shutdown Hours	0	0	5150
14. Hours Generator On-Line	0	0	44195
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	0	131868267
17. Gross Electrical Energy Generated (MWH)	0	0	43473760
18. Net Electrical Energy Generated (MWH)	-1766.0	-17672.0	41935137
19. Unit Service Factor	0	0	32.2
20. Unit Availability Factor	0	0	32.2
21. Unit Capacity Factor (Using MDC Net)	0	0	28.7
22. Unit Capacity Factor (Using DER Net)	0	0	28.7
23. Unit Forced Outage Rate	100.0	100.0	63.4
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	N/A		

23 If Shut Down At End Of Report Period, Estimated Date of Startup: To be determined

\*Includes time change CDST to CST.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: OCTOBER 1992DOCKET NO: 50-259UNIT NAME: OnePREPARED BY: S. A. RatliffTELEPHONE: (205) 729 2937

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action to Prevent Recurrence
315	06/01/85	F	745*	F	4				Administrative hold to resolve various TVA and NRC concerns.

<sup>1</sup>F: Forced  
S: Scheduled

<sup>2</sup>Reason:  
A-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)

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

<sup>4</sup>Exhibit G-Instructions  
for Preparation of Data  
Entry sheets for Licensee  
Event Report (LER) File  
(NUREG-061)

<sup>5</sup>Exhibit I-Same Source

\*Includes time change CDST to CST.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: OCTOBER 1992DOCKET NO: 50-260UNIT NAME: TwoCOMPLETED BY: S. A. BatliffTELEPHONE: (205) 729-2937

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action to Prevent Recurrence
None									

<sup>1</sup>F: Forced  
S: Scheduled

<sup>2</sup>Reason:  
A-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)

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

<sup>4</sup>Exhibit G-Instructions  
for Preparation of Data  
Entry sheets for Licensee  
Event Report (LER) File  
(NUREG-061)

<sup>5</sup>Exhibit I-Same Source



## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: OCTOBER 1992DOCKET NO: 80-296UNIT NAME: ThreeCOMPLETED BY: S. J. RatliffTELEPHONE: (262) 729-2937

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Comment	Cause and Corrective Action to Prevent Recurrence
157	03/03/85	F	745*	F	4				Administrative hold to resolve various TVA and NRC concerns.

<sup>1</sup>F: Forced  
S: Scheduled

<sup>2</sup>Reason:  
A-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)

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

<sup>4</sup>Exhibit G-Instructions  
for Preparation of Data  
Entry sheets for Licensee  
Event Report (LER) File  
(NUREG-061)

<sup>5</sup>Exhibit I-Same Source

\*Includes time change CDST to CST.