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O. J. 'Ike' Zeringue
Vice President, Browns Ferry Operations

FEB 12 1992

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

Gentlemen:

In the Matter of)
Tennessee Valley Authority)

Docket Nos. 50-259
50-260
50-296

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

In accordance with the requirements of the BFN Technical Specifications
section 6.9.1.3, the Monthly Operating Report for the month of
January 1992 is provided in Enclosure 1.

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

Sincerely,

R. R. Baron, Manager
of Site Licensing

Enclosures
cc: See page 2

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R PDR

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U.S. Nuclear Regulatory Commission

FEB 12 1992

Enclosures

cc (Enclosures):

INPO Records Center
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1100 Circle 75 Parkway, Suite 1500
Atlanta, Georgia 30389

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Mr. Fred Yost, Director of Research
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MONTHLY OPERATING REPORT

BROWNS FERRY NUCLEAR PLANT

TENNESSEE VALLEY AUTHORITY

JANUARY 1992

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

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

OPERATIONAL SUMMARY
JANUARY 1992

UNIT 1

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

UNIT 2

Unit 2 generated 799,870 MWhs (gross) electrical power and was on line 100 percent of the reporting period.

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 JANUARY 1992

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1 0

2 0

3 0

4 0

5 0

6 0

7 0

8 0

9 0

10 0

11 0

12 0

13 0

14 0

15 0

16 0

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17 0

18 0

19 0

20 0

21 0

22 0

23 0

24 0

25 0

26 0

27 0

28 0

29 0

30 0

31 0

PLLIC207/449/8

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-260

Unit Two

PREPARED BY S. A. Ratliff

TELEPHONE (205) 729-2937

MONTH JANUARY 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1084</u>	17	<u>1094</u>
2	<u>1115</u>	18	<u>1096</u>
3	<u>1075</u>	19	<u>1085</u>
4	<u>1086</u>	20	<u>1097</u>
5	<u>1097</u>	21	<u>1094</u>
6	<u>1096</u>	22	<u>1098</u>
7	<u>1097</u>	23	<u>1090</u>
8	<u>1092</u>	24	<u>951</u>
9	<u>1099</u>	25	<u>812</u>
10	<u>1073</u>	26	<u>877</u>
11	<u>999</u>	27	<u>826</u>
12	<u>942</u>	28	<u>972</u>
13	<u>1042</u>	29	<u>1095</u>
14	<u>1104</u>	30	<u>1093</u>
15	<u>1087</u>	31	<u>1092</u>
16	<u>1097</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.

PLLIC207/449/9

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-296

UNIT Three

PREPARED BY S. A. Ratliff

TELEPHONE (205) 729-2937

MONTH JANUARY 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: JANUARY 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	744	744	153488
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 Shutdowns	0	0	0
16. Gross Thermal Energy Generated (MMBtu)	0	0	168066787
17. Gross Electrical Energy Generated (MWh)	0	0	55398130
18. Net Electrical Energy Generated (MWh)	-2158	-2158	53533332
19. Unit Service Factor	0	0	38.0
20. Unit Availability Factor	0	0	38.0
21. Unit Capacity Factor (Using MDC Net)	0	0	32.7
22. Unit Capacity Factor (Using DER Net)	0	0	32.7
23. Unit Forced Outage Rate	100	100	56.8
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

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: JANUARY 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	744.0	744.0	148375
12. Number of Hours Reactor Was Critical	744.0	744.0	61250
13. Reactor Reserve Shutdown Hours	0	0	14200
14. Hours Generator On-Line	744.0	744.0	59211
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2330764.0	2330764.0	167406619
17. Gross Electrical Energy Generated (MWH)	799870.0	799870.0	55469678
18. Net Electrical Energy Generated (MWH)	781314.0	781314.0	53591573
19. Unit Service Factor	100.0	100.0	39.9
20. Unit Availability Factor	100.0	100.0	39.9
21. Unit Capacity Factor (Using MDC Net)	98.6	98.6	33.9
22. Unit Capacity Factor (Using DER Net)	98.6	98.6	33.9
23. Unit Forced Outage Rate	0	0	53.2
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: N/A

OPERATING DATA REPORT

DOCKET NO. 50-296
PREPARED BY S. A. Eatliff
TELEPHONE (305) 729-2937

OPERATING STATUS

1. Unit Name: Browns Ferry Unit Three
2. Reporting Period: JANUARY 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	744.0	744.0	130800
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)	-1727.0	-1727.0	41951082
19. Unit Service Factor	0	0	33.8
20. Unit Availability Factor	0	0	33.8
21. Unit Capacity Factor (Using MDC Net)	0	0	30.1
22. Unit Capacity Factor (Using DER Net)	0	0	30.1
23. Unit Forced Outage Rate	100.0	100.0	61.3
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

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action to Prevent Recurrence
315	06/01/85	F	744	F	4				Administrative hold to resolve various TVA and NRC concerns.

¹F: Forced
S: Scheduled

²Reason:
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)

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

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

⁵Exhibit I-Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action to Prevent Recurrence
1	1/10/92	F	8.5	A	5				Reactor feed pump turbine tripped, no instrumentation or mechanical problem found. Additional vibration monitoring equipment installed.
2	1/24/92	S	53.6	B	5				Rod sequence changeout and fuel preconditioning.

¹F: Forced
S: Scheduled

²Reason:
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)
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Event Report (LER) File
(NUREG-061)

⁵Exhibit I-Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: JANUARY 1992DOCKET NO: 50-296UNIT NAME: ThreeCOMPLETED BY: S. A. RatliffTELEPHONE: (205) 729-2937

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action to Prevent Recurrence
157	03/03/85	F	744	F	4				Administrative hold to resolve various TVA and NRC concerns.

¹F: Forced
S: Scheduled

²Reason:
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)

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

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