



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

June 15, 1995

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 May 1995**

In accordance with the requirements of BFN Units 1, 2, and 3 Technical Specifications, Section 6.9.1.3, TVA is submitting the Monthly Operating Report for the month of May 1995 in the enclosure.

If you have any questions, please call me at (205) 729-2636.

Sincerely,



Pedro Salas  
Manager of Site Licensing

Enclosure  
cc: See page 2

9506200088 950531  
PDR ADOCK 05000259  
R PDR

JE24.1

U.S. Nuclear Regulatory Commission  
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Enclosure

cc (Enclosure):

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ENCLOSURE

TENNESSEE VALLEY AUTHORITY  
BROWNS FERRY NUCLEAR PLANT (BFN)  
UNITS 1, 2, AND 3

MONTHLY OPERATING REPORT  
May 1995

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SEE ATTACHED

OPERATIONAL SUMMARY  
May 1995

BROWNS FERRY 1

Unit 1 remains shutdown on administrative hold to resolve various TVA and NRC concerns. Unit 1 has been on administrative hold since June 1, 1985. As a result, TVA considers that accrual of reporting hours is suspended since the unit has a maximum dependable capacity of 0 MWe. Accordingly, TVA does not consider cumulative reporting period hours for the period beginning June 1, 1985, when calculating the operating status variables.

BROWNS FERRY 2

During the month Unit 2 operated at a capacity factor of 97.7 percent and generated 792,880 megawatt hours gross electrical power. As of May 31, 1995, Unit 2 has operated continuously for 59 days.

BROWNS FERRY 3

Unit 3 remains shutdown on administrative hold to resolve various TVA and NRC concerns. Unit 3 has been on administrative hold since June 1, 1985. As a result, TVA considers that accrual of reporting hours is suspended since the unit has a maximum dependable capacity of 0 MWe. Accordingly, TVA does not consider cumulative reporting period hours for the period beginning June 1, 1985, when calculating the operating status variables.

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-259

UNIT: BROWNS FERRY 1

PREPARED BY: T. R. Smith

TELEPHONE: (205) 729-2955

MONTH May 1995

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

16	<u>0</u>
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-260

UNIT: BROWNS FERRY 2

PREPARED BY: T. R. Smith

TELEPHONE: (205) 729-2955

MONTH May 1995

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>1095</u>
2	<u>1088</u>
3	<u>1086</u>
4	<u>1086</u>
5	<u>1085</u>
6	<u>1039</u>
7	<u>1085</u>
8	<u>1083</u>
9	<u>1083</u>
10	<u>1084</u>
11	<u>1081</u>
12	<u>1076</u>
13	<u>1070</u>
14	<u>1078</u>
15	<u>1077</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

16	<u>907</u>
17	<u>1038</u>
18	<u>1073</u>
19	<u>1035</u>
20	<u>708</u>
21	<u>744</u>
22	<u>965</u>
23	<u>812</u>
24	<u>1063</u>
25	<u>1070</u>
26	<u>1083</u>
27	<u>1055</u>
28	<u>1069</u>
29	<u>1071</u>
30	<u>1073</u>
31	<u>1074</u>

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-296

UNIT: BROWNS FERRY 3

PREPARED BY: T. R. Smith

TELEPHONE: (205) 729-2955

MONTH May 1995

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

16	<u>0</u>
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT MONTH: May 1995

DOCKET NO: 50-259  
UNIT: BROWNS FERRY 1  
PREPARED BY: T. R. Smith  
TELEPHONE: (205) 729-2955

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

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

<sup>2</sup>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>Instructions for Preparation of Licensee Event Reports (NUREG-1022)

UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT MONTH: May 1995

DOCKET NO: 50-260  
UNIT: BROWNS FERRY 2  
PREPARED BY: T. R. Smith  
TELEPHONE: (205) 729-2955

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	License Event Report No.	System Code <sup>4</sup>	Component Code <sup>4</sup>	Cause and Corrective Action to Prevent Recurrence
2	5/19/95	S	0	B	5	N/A	N/A	N/A	Load reduction to 70% to perform scram timing surveillance test and other maintenance

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

<sup>2</sup>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>Instructions for Preparation of Licensee  
Event Reports (NUREG-1022)

UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT MONTH: May 1995

DOCKET NO: 50-296  
UNIT: BROWNS FERRY 3  
PREPARED BY: T. R. Smith  
TELEPHONE: (205) 729-2955

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

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

<sup>2</sup>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>Instructions for Preparation of Licensee Event Reports (NUREG-1022)

# OPERATING DATA REPORT

DOCKET: 50-259  
 UNIT: BROWNS FERRY 1  
 PREPARED BY: T. R. SMITH  
 TELEPHONE: (205) 729-2955

## OPERATING STATUS

1. Unit Name: BROWNS FERRY UNIT 1
2. Reporting Period: MAY 1995
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): 0
7. Maximum Dependable Capacity (Net MWe): 0
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reason: N/A
9. Power Level To Which Restricted, If Any (Net MWe): 0
10. Reason For Restrictions, If Any: Administrative Hold

## THIS MONTH YEAR TO DATE CUMULATIVE\*

11. Hours in Reporting Period	0	0	95743
12. 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 Generation (MWh)	0	0	168066787
17. Gross Electrical Generation (MWh)	0	0	55398130
18. Net Electrical Generation (MWh)	0	0	53796427
19. Unit Service Factor	0	0	60.9
20. Unit Availability Factor	0	0	60.9
21. Unit Capacity Factor (MDC Net)	0	0	52.8
22. Unit Capacity Factor (DER net)	0	0	52.8
23. Unit Forced Outage Rate	0	0	25.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A			
25. If Shut Down At End Of Reporting Period, Estimated Date of Startup: To be determined			

\* Excludes hours under administrative hold  
 (June 1, 1985 to present)

# OPERATING DATA REPORT

DOCKET: 50-260  
 UNIT: BROWNS FERRY 2  
 PREPARED BY: T. R. SMITH  
 TELEPHONE: (205) 729-2955

## OPERATING STATUS

1. Unit Name: BROWNS FERRY UNIT 2
2. Reporting Period: MAY 1995
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 Reason: N/A
9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reason For Restrictions, If Any: N/A

## THIS MONTH YEAR TO DATE CUMULATIVE\*

11. Hours in Reporting Period	744	3623	125694
12. Hours Reactor Was Critical	744	3542	85669
13. Reactor Reserve Shutdown Hours	0	0	14200
14. Hours Generator On Line	744	3523	83383
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Generation (MWh)	2373910	11442493	242611408
17. Gross Electrical Generation (MWh)	792880	3868570	80611748
18. Net Electrical Generation (MWh)	773883	3776218	78366054
19. Unit Service Factor	100.0	97.3	66.3
20. Unit Availability Factor	100.0	97.3	66.3
21. Unit Capacity Factor (MDC Net)	97.7	97.9	58.5
22. Unit Capacity Factor (DER net)	97.7	97.9	58.5
23. Unit Forced Outage Rate	0.0	2.7	16.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): None			
25. If Shut Down At End Of Reporting Period, Estimated Date of Startup: N/A			

\* Excludes hours under administrative hold  
 (June 1, 1985 to May 24, 1991)

# OPERATING DATA REPORT

DOCKET: 50-296  
UNIT: BROWNS FERRY 3  
PREPARED BY: T. R. SMITH  
TELEPHONE: (205) 729-2955

## OPERATING STATUS

1. Unit Name: BROWNS FERRY UNIT 3
2. Reporting Period: MAY 1995
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): 0
7. Maximum Dependable Capacity (Net MWe): 0
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reason: N/A
9. Power Level To Which Restricted, If Any (Net MWe): 0
10. Reason For Restrictions, If Any: Administrative Hold

## THIS MONTH YEAR TO DATE CUMULATIVE\*

11. Hours in Reporting Period	0	0	73055
12. 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 Generation (MWh)	0	0	131868267
17. Gross Electrical Generation (MWh)	0	0	43473760
18. Net Electrical Generation (MWh)	0	0	42114009
19. Unit Service Factor	0	0	60.5
20. Unit Availability Factor	0	0	60.5
21. Unit Capacity Factor (MDC Net)	0	0	54.2
22. Unit Capacity Factor (DER net)	0	0	54.2
23. Unit Forced Outage Rate	0	0	21.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A			
25. If Shut Down At End Of Reporting Period, Estimated Date of Startup: To be determined			

\* Excludes hours under administrative hold  
(June 1, 1985 to present)