



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

February 7, 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 JANUARY 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 January 1995 in the enclosure.

If you have any questions, please telephone Pedro Salas at (205) 729-2636.

Sincerely,

Pedro Salas
Manager of Site Licensing

Enclosure
cc: See page 2

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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
JANUARY 1995

**OPERATIONAL SUMMARY
JANUARY 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

Unit 2 operated continuously during the month of January at a capacity factor of 102.6 percent and generated 832,540 megawatt hours gross electrical power. As of January 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 January 1995

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

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH January 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1097</u>	16	<u>1096</u>
2	<u>1096</u>	17	<u>1091</u>
3	<u>1092</u>	18	<u>1094</u>
4	<u>1095</u>	19	<u>1091</u>
5	<u>1095</u>	20	<u>1096</u>
6	<u>1091</u>	21	<u>1085</u>
7	<u>1086</u>	22	<u>1096</u>
8	<u>1094</u>	23	<u>1094</u>
9	<u>1097</u>	24	<u>1092</u>
10	<u>1095</u>	25	<u>1095</u>
11	<u>1094</u>	26	<u>1093</u>
12	<u>1098</u>	27	<u>1093</u>
13	<u>1090</u>	28	<u>1090</u>
14	<u>1084</u>	29	<u>1094</u>
15	<u>1101</u>	30	<u>1092</u>
		31	<u>1092</u>

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH January 1995

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

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH: January 1995

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

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report No.	System Code ⁴	Component Code ⁴	Cause and Corrective Action to Prevent Recurrence
1	05/01/85	S	744	F	4				Administrative hold to resolve various TVA and NRC concerns.

¹F-Forced
 S-Scheduled

²A-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

⁴Instructions for Preparation of Licensee Event Reports (NUREG-1022)

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH: January 1995

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

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report No.	System Code ⁴	Component Code ⁴	Cause and Corrective Action to Prevent Recurrence
NA									

¹F-Forced
 S-Scheduled

²A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training and License Examination
 F-Administrative
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 9-Other

⁴Instructions for Preparation of Licensee
 Event Reports (NUREG-1022)

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH: January 1995

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

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

¹F-Forced
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²A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
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 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

⁴Instructions 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: JANUARY 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: JANUARY 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	744	122815
12. Hours Reactor Was Critical	744	744	82871
13. Reactor Reserve Shutdown Hours	0	0	14200
14. Hours Generator On Line	744	744	80603
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Generation (MWh)	2446921	2446921	233615835
17. Gross Electrical Generation (MWh)	832540	832540	77575718
18. Net Electrical Generation (MWh)	813354	813354	75403190
19. Unit Service Factor	100.0	100.0	65.6
20. Unit Availability Factor	100.0	100.0	65.6
21. Unit Capacity Factor (MDC Net)	102.6	102.6	57.6
22. Unit Capacity Factor (DER net)	102.6	102.6	57.6
23. Unit Forced Outage Rate	0.0	0.0	17.1
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: JANUARY 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*

	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)