



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

February 14, 1996

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 1996**

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 1996 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

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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 1996

(SEE ATTACHED)

OPERATIONAL SUMMARY
JANUARY 1996

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 99.6 percent and generated 805,270 megawatt hours gross electrical power. As of January 31, 1996, Unit 2 has operated continuously for 164 days.

BROWNS FERRY 3

During the month Unit 3 operated at a capacity factor of 101.3 percent and generated 821,390 megawatt hours gross electrical power. As of January 31, 1996, Unit 3 has operated continuously for 64 days.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-259
UNIT: BROWNS FERRY 1
PREPARED BY: J. W. Davenport
TELEPHONE: (205) 729-2690

MONTH JANUARY 1996

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: J. W. Davenport
TELEPHONE: (205) 729-2690

MONTH JANUARY 1996

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	1083
2	1081
3	1083
4	1084
5	1077
6	1073
7	1076
8	1067
9	1083
10	1073
11	1016
12	966
13	1081
14	1073
15	1089

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

16	1069
17	1068
18	1069
19	1069
20	1040
21	820
22	1049
23	1063
24	1065
25	1069
26	1057
27	1057
28	1061
29	1062
30	1060
31	1060

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-296
UNIT: BROWNS FERRY 3
PREPARED BY: J. W. Davenport
TELEPHONE: (205) 729-2690

MONTH JANUARY 1996

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	1075
2	1096
3	1084
4	901
5	1070
6	1093
7	1089
8	1076
9	1095
10	1082
11	1073
12	1054
13	1097
14	1082
15	1091

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

16	1088
17	1091
18	1073
19	1094
20	1085
21	1086
22	1093
23	1091
24	1078
25	1078
26	1099
27	1082
28	1084
29	1091
30	1080
31	1079

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH: JANUARY 1996

DOCKET NO: 50-259
UNIT: BROWNS FERRY 1
PREPARED BY: J. W. Davenport
TELEPHONE: (205) 729-2690

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
14	06/01/85	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 1996

DOCKET NO: 50-260
UNIT: BROWNS FERRY 2
PREPARED BY: J. W. Davenport
TELEPHONE: (205) 729-2690

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
N/A									

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 (NUR-1022)

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH: NOVEMBER 1996

DOCKET NO: 50-296
UNIT: BROWNS FERRY 3
PREPARED BY: J. W. Davenport
TELEPHONE: (205) 729-2690

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
N/A									

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)

OPERATING DATA REPORT

DOCKET: 50-259
UNIT: BROWNS FERRY 1
PREPARED BY: J. W. Davenport
TELEPHONE: (205) 729-2690

OPERATING STATUS

1. Unit Name: **BROWNS FERRY UNIT 1**
2. Reporting Period: **JANUARY 1996**
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: J. W. Davenport
TELEPHONE: (205) 729-2690

OPERATING STATUS

1. Unit Name: BROWNS FERRY UNIT 2
2. Reporting Period: JANUARY 1996
3. Licensed Thermal Power (MWt): 3293
4. Nameplate Rating (Gross MWe): 1154
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	744.0	744	131575
12. Hours Reactor Was Critical	744.0	744	91523
13. Reactor Reserve Shutdown Hours	0.0	0	14200
14. Hours Generator On Line	744.0	744	89232
15. Unit Reserve Shutdown Hours	0.0	0	0
16. Gross Thermal Generation (MWh)	2423568.0	2423568	261763900
17. Gross Electrical Generation (MWh)	805270.0	805270	86970588
18. Net Electrical Generation (MWh)	785846.0	785846	84572717
19. Unit Service Factor	100.0	100.0	67.8
20. Unit Availability Factor	100.0	100.0	67.8
21. Unit Capacity Factor (MDC Net)	96.2	96.2	60.4
22. Unit Capacity Factor (DER net)	96.2	96.2	60.4
23. Unit Forced Outage Rate	0.0	0.0	15.9

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling Outage, March 23, 1996, 30 days

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: J. W. Davenport
TELEPHONE: (205) 729-2690

OPERATING STATUS

1. Unit Name: BROWNS FERRY UNIT 3
2. Reporting Period: JANUARY 1996
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	744.0	744	74819
12. Hours Reactor Was Critical	744.0	744	47039
13. Reactor Reserve Shutdown Hours	0.0	0	5150
14. Hours Generator On Line	744.0	744	45749
15. Unit Reserve Shutdown Hours	0.0	0	0
16. Gross Thermal Generation (MWh)	2431344.0	2431344	136701625
17. Gross Electrical Generation (MWh)	821390.0	821390	45085580
18. Net Electrical Generation (MWh)	802281.0	802281	43680908
19. Unit Service Factor	100.0	100.0	61.1
20. Unit Availability Factor	100.0	100.0	61.1
21. Unit Capacity Factor (MDC Net)	101.3	101.3	54.8
22. Unit Capacity Factor (DER net)	101.3	101.3	54.8
23. Unit Forced Outage Rate	0.0	0.0	21.0
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:	N/A		

* Excludes hours under administrative hold
(June 1, 1985 to November 19, 1995)