



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

November 13, 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 OCTOBER 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 October 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

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U.S. Nuclear Regulatory Commission

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Enclosure

cc (Enclosure):

Mr. Mark S. Lesser, Acting Branch Chief
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. Frederick J. Hebdon, Director
Project Directorate II-4
Division of Reactor Projects I-II
Office of Nuclear Reactor
Regulation, Mail 13 H3
Washington, D.C. 20555

INPO Records Center
Institute of Nuclear Power Operations
700 Galleria Parkway
Atlanta, Georgia 30339-5957

Mr. Jim Lang
Director of Engineering and Operations
Electric Power Research Institute
P. O. Box 10412
Palo Alto, California 94304

NRC Resident Inspector
Browns Ferry Nuclear Plant
10833 Shaw Road
Athens, Alabama 35611

Regional Administrator
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. Fred Yost, Director of Research
Utility Data Institute
1200 G Street, NW
Washington, D.C. 20005-3802

ENCLOSURE

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

MONTHLY OPERATING REPORT
OCTOBER 1995

SEE ATTACHED

OPERATIONAL SUMMARY
OCTOBER 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 100.0 percent and generated 812,310 megawatt hours gross electrical power. As of October 31, 1995, Unit 2 has operated continuously for 72 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 OCTOBER 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> |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-260

UNIT: BROWNS FERRY 2

PREPARED BY: T. R. Smith

TELEPHONE: (205) 729-2955

MONTH OCTOBER 1995

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|-----|--|
| 1 | <u>782</u> | 16 | <u>1079</u> |
| 2 | <u>1056</u> | 17 | <u>1084</u> |
| 3 | <u>1069</u> | 18 | <u>1075</u> |
| 4 | <u>1073</u> | 19 | <u>1081</u> |
| 5 | <u>1075</u> | 20 | <u>1075</u> |
| 6 | <u>1080</u> | 21 | <u>1061</u> |
| 7 | <u>1078</u> | 22 | <u>1061</u> |
| 8 | <u>1078</u> | 23 | <u>1084</u> |
| 9 | <u>1079</u> | 24 | <u>1083</u> |
| 10 | <u>1077</u> | 25 | <u>1086</u> |
| 11 | <u>1065</u> | 26 | <u>1084</u> |
| 12 | <u>1074</u> | 27 | <u>1077</u> |
| 13 | <u>1077</u> | 28 | <u>1087</u> |
| 14 | <u>1078</u> | 29 | <u>1077</u> |
| 15 | <u>1069</u> | 30 | <u>1084</u> |
| | | 31 | <u>1075</u> |

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH OCTOBER 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: OCTOBER 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 | 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: OCTOBER 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 |
|-----|----------|-------------------|------------------|---------------------|--|--------------------------|--------------------------|-----------------------------|---|
| 4 | 09/30/95 | S | 33 | B | 5 | | | | Deep/shallow control rod exchange and Reactor Feed Pump 2A repair. (Continued from September) |

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: OCTOBER 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
 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: T. R. SMITH
 TELEPHONE: (205) 729-2955

OPERATING STATUS

1. Unit Name: BROWNS FERRY UNIT 1
2. Reporting Period: October 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: October 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 | 745 | 7296 | 129367 |
| 12. Hours Reactor Was Critical | 745 | 7188 | 89315 |
| 13. Reactor Reserve Shutdown Hours | 0 | 0 | 14200 |
| 14. Hours Generator On Line | 745 | 7164 | 87024 |
| 15. Unit Reserve Shutdown Hours | 0 | 0 | 0 |
| 16. Gross Thermal Generation (MWh) | 2426782 | 23391029 | 254559944 |
| 17. Gross Electrical Generation (MWh) | 812310 | 7809490 | 84552668 |
| 18. Net Electrical Generation (MWh) | 793495 | 7621912 | 82211748 |
| 19. Unit Service Factor | 100.0 | 98.2 | 67.3 |
| 20. Unit Availability Factor | 100.0 | 98.2 | 67.3 |
| 21. Unit Capacity Factor (MDC Net) | 100.0 | 98.1 | 59.7 |
| 22. Unit Capacity Factor (DER net) | 100.0 | 98.1 | 59.7 |
| 23. Unit Forced Outage Rate | 0.0 | 1.8 | 16.2 |
| 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: October 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)