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TENNESSEE VALLEY AUTHORITY

Browns Ferry Nuclear Plant  
P. O. Box 2000  
Decatur, Alabama 35602

September 10, 1981

MASTERS

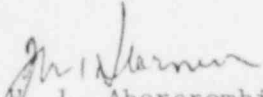
Nuclear Regulatory Commission  
Office of Management Information  
and Program Control  
Washington, DC 20555

Gentlemen:

Enclosed is the August 1981 Monthly Operating Report for Browns Ferry Nuclear Plant Units 1, 2, and 3.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

  
H. L. Abercrombie  
Plant Superintendent

Enclosure

cc: Director, Region II  
Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
101 Marietta Street  
Suite 3100  
Atlanta, GA 30303 (1 copy)

Mr. Bill Lavalee  
Nuclear Safety Analysis Center (NSAC)  
3412 Hillwood Avenue  
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Director, Office of Inspection  
and Enforcement  
Nuclear Regulatory Commission  
Washington, DC 20555 (10 copies)

Mr. A. Rubio, Director  
Electric Power Research Institute  
P. O. Box 10412  
Palo Alto, CA 94304

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OPERATING DATA REPORT

DOCKET NO. 50-260  
 DATE 8-1-81  
 COMPLETED BY Mike Chapman  
 TELEPHONE 205-729-6846

OPERATING STATUS

1. Unit Name: Browns Ferry - 2
2. Reporting Period: July 1981
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:  
NA

Notes

9. Power Level To Which Restricted, If Any (Net MWe): NA
10. Reasons For Restrictions, If Any: NA

|  | This Month | Yr.-to-Date           | Cumulative            |
|--|------------|-----------------------|-----------------------|
| 11. Hours In Reporting Period  | 744        | 5,087                 | 56,280                |
| 12. Number Of Hours Reactor Was Critical                                       | 702.92     | 4,460.53              | 35,204.14             |
| 13. Reactor Reserve Shutdown Hours   | 41.08      | 598.10                | 13,051.58             |
| 14. Hours Generator On-Line  | 634.72     | 4294.51               | 34,035.47             |
| 15. Unit Reserve Shutdown Hours  | 0          | 0                     | 0                     |
| 16. Gross Thermal Energy Generated (MWH)                                       | 1,966,354  | <del>13,189,418</del> | <del>94,759,761</del> |
| 17. Gross Electrical Energy Generated (MWH)                                    | 654,140    | 4,402,870             | 32,140,058            |
| 18. Net Electrical Energy Generated (MWH)                                      | 631,506    | 4,273,003             | 31,223,310            |
| 19. Unit Service Factor  | 85.3       | 84.4                  | 60.5                  |
| 20. Unit Availability Factor   | 85.3       | 84.4                  | 60.5                  |
| 21. Unit Capacity Factor (Using MDC Net)                                       | 79.7       | 78.9                  | 52.1                  |
| 22. Unit Capacity Factor (Using DER Net)                                       | 79.7       | 78.9                  | 52.1                  |
| 23. Unit Forced Outage Rate  | 14.7       | 6.3                   | 30.3                  |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): |            |                       |                       |

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 8-18-81
  26. Units In Test Status (Prior to Commercial Operation):
- |                      | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY  | _____    | _____    |
| INITIAL ELECTRICITY  | _____    | _____    |
| COMMERCIAL OPERATION | _____    | _____    |

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OPERATING DATA REPORT

DOCKET NO. 50-260  
 DATE 9-1-81  
 COMPLETED BY T. Thom  
 TELEPHONE 205-729-6846

OPERATING STATUS

1. Unit Name: Browns Ferry - 2
2. Reporting Period: August 1981
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:  
NA

Notes

9. Power Level To Which Restricted, If Any (Net MWe): NA
10. Reasons For Restrictions, If Any: NA

|   | This Month     | Yr-to-Date        | Cumulative                              |
|---|----------------|-------------------|---|
| 11. Hours In Reporting Period   | <u>744</u>     | <u>5831</u>       | <u>57,024</u>                           |
| 12. Number Of Hours Reactor Was Critical                                      | <u>402.15</u>  | <u>4,862.68</u>   | <u>35,606.29</u>                        |
| 13. Reactor Reserve Shutdown Hours  | <u>341.85</u>  | <u>939.95</u>     | <u>13,393.43</u>                        |
| 14. Hours Generator On-Line   | <u>326.17</u>  | <u>4,620.68</u>   | <u>34,361.64</u>                        |
| 15. Unit Reserve Shutdown Hours   | <u>0</u>       | <u>0</u>          | <u>0</u>                                |
| 16. Gross Thermal Energy Generated (MWH)                                      | <u>929,335</u> | <u>14,118,753</u> | <u><del>98,594,662</del> 97,689,396</u> |
| 17. Gross Electrical Energy Generated (MWH)                                   | <u>299,250</u> | <u>4,702,120</u>  | <u>32,439,308</u>                       |
| 18. Net Electrical Energy Generated (MWH)                                     | <u>285,490</u> | <u>4,558,493</u>  | <u>31,508,800</u>                       |
| 19. Unit Service Factor   | <u>43.8</u>    | <u>79.2</u>       | <u>60.3</u>                             |
| 20. Unit Availability Factor  | <u>43.8</u>    | <u>79.2</u>       | <u>60.3</u>                             |
| 21. Unit Capacity Factor (Using MDC Net)                                      | <u>36.0</u>    | <u>73.4</u>       | <u>51.9</u>                             |
| 22. Unit Capacity Factor (Using DER Net)                                      | <u>36.0</u>    | <u>73.4</u>       | <u>51.9</u>                             |
| 23. Unit Forced Outage Rate   | <u>56.2</u>    | <u>13.3</u>       | <u>30.7</u>                             |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each) |                |                   |   |

25. If Shut Down At End Of Report Period, Estimated Date of Startup: \_\_\_\_\_

| 26. Units In Test Status (Prior to Commercial Operation): | Forecast | Achieved |
|---|----------|----------|
| INITIAL CRITICALITY                                       | _____    | _____    |
| INITIAL ELECTRICITY                                       | _____    | _____    |
| COMMERCIAL OPERATION                                      | _____    | _____    |