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J. D. Woodard  
Executive Vice President

Southern Nuclear Operating Company

*the southern electric system*

September 9, 1996

Docket Nos. 50-348  
50-364

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D C 20555

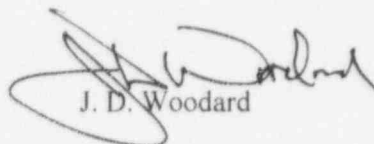
Joseph M. Farley Nuclear Plant  
Monthly Operating Report

Ladies and Gentlemen:

Attached are the August 1996 Monthly Operating Reports for Joseph M. Farley Nuclear Plant Units 1 and 2, as required by Section 6.9.1.10 of the Technical Specifications.

If you have any questions, please advise.

Respectfully submitted,



J. D. Woodard

RWC:(mor)

Attachments

cc: Mr. S. D. Ebner, Region II Administrator  
Mr. J. I. Zimmerman, NRR Project Manager  
Mr. T. M. Ross, FNP Resident Inspector

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Joseph M. Farley Nuclear Plant  
Unit 1  
Narrative Summary of Operations  
August 1996

There were no unit shutdowns or major power reductions during the month.

There was no major safety related maintenance performed during the month.

# OPERATING DATA REPORT

|                     |                          |
|---------------------|--------------------------|
| <b>DOCKET NO.</b>   | 50-348                   |
| <b>DATE</b>         | September 5, 1996        |
| <b>COMPLETED BY</b> | M. W. McNulty            |
| <b>TELEPHONE</b>    | (334) 899-5156, ext.3640 |

## OPERATING STATUS

1. Unit Name: **Joseph M. Farley - Unit 1**
2. Reporting Period: August 1996
3. Licensed Thermal Power (MWt): 2,652
4. Nameplate Rating (Gross MWe): 860
5. Design Electrical Rating (Net MWe): 829
6. Maximum Dependable Capacity (Gross MWe): 855.7
7. Maximum Dependable Capacity (Net MWe): 812
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A
9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

### Notes

- 1) Cumulative data since 12-01-77, date of commercial operation.

|  | This Month  | Yr. to Date  | Cumulative    |
|--|-------------|--------------|---------------|
| 11. Hours in Reporting Period  | 744.0       | 5,855.0      | 164,375.0     |
| 12. Number Of Hours Reactor Was Critical                                       | 744.0       | 5,826.3      | 132,515.7     |
| 13. Reactor Reserve Shutdown Hours   | 0.0         | 0.0          | 3,650.0       |
| 14. Hours Generator On-line  | 744.0       | 5,811.0      | 130,486.7     |
| 15. Unit Reserve Shutdown Hours  | 0.0         | 0.0          | 0.0           |
| 16. Gross Thermal Energy Generated (MWH)                                       | 1,972,106.8 | 15,197,774.1 | 335,952,147.0 |
| 17. Gross Electrical Energy Generated (MWH)                                    | 639,927.0   | 4,974,544.0  | 108,466,698.0 |
| 18. Net Electrical Energy Generated (MWH)                                      | 607,423.0   | 4,723,602.0  | 102,463,254.0 |
| 19. Unit Service Factor  | 100.0       | 99.2         | 79.4          |
| 20. Unit Availability Factor   | 100.0       | 99.2         | 79.4          |
| 21. Unit Capacity Factor (Using MDC Net)                                       | 100.5       | 99.4         | 76.8          |
| 22. Unit Capacity Factor (Using DER Net)                                       | 98.5        | 97.3         | 75.2          |
| 23. Unit Forced Outage Rate  | 0.0         | 0.0          | 5.7           |
| 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: N/A

|   |                 |                 |
|---|-----------------|-----------------|
| 26. Units In Test Status (Prior To Commercial Operation): | <b>Forecast</b> | <b>Achieved</b> |
| <b>Initial Criticality</b>                                | 08/06/77        | 08/09/77        |
| <b>Initial Electricity</b>                                | 08/20/77        | 08/18/77        |
| <b>Commercial Operation</b>                               | 12/01/77        | 12/01/77        |

|              |                         |
|--------------|-------------------------|
| DOCKET NO.   | 50-348                  |
| UNIT         | 1                       |
| DATE         | September 5, 1996       |
| COMPLETED BY | M. W. McAnulty          |
| TELEPHONE    | (334) 899-5156 ext 3640 |

MONTH August

| DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) |
|-----|--|-----|--|
| 1   | 816                                    | 17  | 817                                    |
| 2   | 816                                    | 18  | 817                                    |
| 3   | 815                                    | 19  | 818                                    |
| 4   | 814                                    | 20  | 817                                    |
| 5   | 816                                    | 21  | 818                                    |
| 6   | 816                                    | 22  | 821                                    |
| 7   | 814                                    | 23  | 819                                    |
| 8   | 812                                    | 24  | 816                                    |
| 9   | 816                                    | 25  | 817                                    |
| 10  | 816                                    | 26  | 819                                    |
| 11  | 799                                    | 27  | 818                                    |
| 12  | 815                                    | 28  | 818                                    |
| 13  | 817                                    | 29  | 819                                    |
| 14  | 820                                    | 30  | 819                                    |
| 15  | 819                                    | 31  | 821                                    |
| 16  | 819                                    |     |  |

#### INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting period. Compute to the nearest whole megawatt.

|              |                          |
|--------------|--------------------------|
| DOCKET NO.   | 50-348                   |
| UNIT NAME    | J. M. Farley - Unit 1    |
| DATE         | September 5, 1996        |
| COMPLETED BY | M. W. McAnulty           |
| TELEPHONE    | (334) 899-5156, ext.3640 |

[illegible]

EVENTS REPORTED INVOLVE A GREATER THAN 20% REDUCTION IN AVERAGE DAILY POWER LEVEL FOR THE PRECEDING 24 HOURS.

Joseph M. Farley Nuclear Plant  
Unit 2  
Narrative Summary of Operations  
August 1996

There were no unit shutdowns or major power reductions during the month.

There was no major safety related maintenance performed during the month.

# OPERATING DATA REPORT

|                     |                          |
|---------------------|--------------------------|
| <b>DOCKET NO.</b>   | 50-364                   |
| <b>DATE</b>         | September 5, 1996        |
| <b>COMPLETED BY</b> | M. W. McAnulty           |
| <b>TELEPHONE</b>    | (334) 899-5156, ext.3640 |

## OPERATING STATUS

- |   |  |  |
|---|--|--|
| 1. Unit Name: <b>Joseph M. Farley - Unit 2</b>  | <b>Notes</b>   |  |
| 2. Reporting Period: August 1996  | 1) Cumulative data since 07-30-81, date of commercial operation. |  |
| 3. Licensed Thermal Power (MWt): 2,652  |  |  |
| 4. Nameplate Rating (Gross MWe): 860  |  |  |
| 5. Design Electrical Rating (Net MWe): 829  |  |  |
| 6. Maximum Dependable Capacity (Gross MWe): 863.6   |  |  |
| 7. Maximum Dependable Capacity (Net MWe): 822   |  |  |
| 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A |  |  |
| 9. Power Level To Which Restricted, If Any (Net MWe): N/A   |  |  |
| 10. Reasons For Restrictions, If Any: N/A   |  |  |

|  | This Month  | Yr. to Date  | Cumulative    |
|--|-------------|--------------|---------------|
| 11. Hours in Reporting Period  | 744.0       | 5,855.0      | 132,288.0     |
| 12. Number Of Hours Reactor Was Critical   | 744.0       | 5,855.0      | 114,758.4     |
| 13. Reactor Reserve Shutdown Hours   | 0.0         | 0.0          | 138.0         |
| 14. Hours Generator On-line  | 744.0       | 5,855.0      | 113,065.2     |
| 15. Unit Reserve Shutdown Hours  | 0.0         | 0.0          | 0.0           |
| 16. Gross Thermal Energy Generated (MWH)   | 1,972,154.5 | 15,137,557.8 | 288,111,348.2 |
| 17. Gross Electrical Energy Generated (MWH)  | 641,987.0   | 4,964,377.0  | 94,426,856.0  |
| 18. Net Electrical Energy Generated (MWH)  | 611,557.0   | 4,723,871.0  | 89,537,522.0  |
| 19. Unit Service Factor  | 100.0       | 100.0        | 85.5          |
| 20. Unit Availability Factor   | 100.0       | 100.0        | 85.5          |
| 21. Unit Capacity Factor (Using MDC Net)   | 100.0       | 98.2         | 82.6          |
| 22. Unit Capacity Factor (Using DER Net)   | 99.2        | 97.3         | 81.6          |
| 23. Unit Forced Outage Rate  | 0.0         | 0.0          | 3.8           |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):<br>Refueling Outage scheduled for October 12, 1996 with a duration of 48 days |             |              |               |

25. If Shut Down at End Of Report Period, Estimated Date of Startup: N/A

|   |          |          |
|---|----------|----------|
| 26. Units In Test Status (Prior To Commercial Operation): | Forecast | Achieved |
| Initial Criticality                                       | 05/06/81 | 05/08/81 |
| Initial Electricity                                       | 05/24/81 | 05/25/81 |
| Commercial Operation                                      | 08/01/81 | 07/30/81 |

DOCKET NO. 50-364  
UNIT 2  
DATE September 5, 1996  
COMPLETED BY M. W. McNulty  
TELEPHONE (334) 899-5156 ext 3640

MONTH August

| DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) |
|-----|--|-----|--|
| 1   | 821                                    | 17  | 823                                    |
| 2   | 822                                    | 18  | 822                                    |
| 3   | 819                                    | 19  | 824                                    |
| 4   | 818                                    | 20  | 823                                    |
| 5   | 822                                    | 21  | 823                                    |
| 6   | 822                                    | 22  | 825                                    |
| 7   | 822                                    | 23  | 823                                    |
| 8   | 821                                    | 24  | 814                                    |
| 9   | 823                                    | 25  | 817                                    |
| 10  | 821                                    | 26  | 825                                    |
| 11  | 819                                    | 27  | 821                                    |
| 12  | 822                                    | 28  | 821                                    |
| 13  | 823                                    | 29  | 822                                    |
| 14  | 827                                    | 30  | 825                                    |
| 15  | 826                                    | 31  | 826                                    |
| 16  | 826                                    |     |  |

#### INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting period. Compute to the nearest whole megawatt.



## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-364

UNIT NAME J. M. Farley - Unit 2

DATE September 5, 1996

COMPLETED BY M. W. McAnulty

TELEPHONE (334) 899-5156, ext.3640

REPORT MONTH August[illegible]

13

2.

3.

F: Forced

Reason

## Method

S: Scheduled

A - Equipment Failure (Explain)

1 - Manual

B - Maintenance or Test

2 - Manual Scram

C - Refueling

### 3 - Automatic Scram

D - Regulatory Restriction

4 - Other (Explain)

E - Operator Training &amp; License Examination

F - Administrative

G - Operational Error (Explain)

H - Other (Explain)

EVENTS REPORTED

INVOLVE A

GREATER THAN 20%

REDUCTION IN

AVERAGE DAILY

POWER LEVEL FOR

THE PRECEDING 24

HOURS.