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Southern Nuclear Operating Company  
*the southern electric system*

J. D. Woodard  
Vice President  
Farley Project

January 14, 1992

Docket No. 50-348

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


Joseph M. Farley Nuclear Plant  
Unit 1  
Monthly Operating Data Report

Gentlemen:

Attached is the December 1991 Monthly Operating Report for Joseph M. Farley Nuclear Plant Unit 1, as required by Section 6.9.1.10 of the Technical Specifications.

If you have any questions, please advise.

Respectfully submitted,

  
J. D. Woodard

AEJ:edb3014

Attachments

cc: Mr. S. D. Ebner  
Mr. S. T. Hoffman  
Mr. G. F. Maxwell

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JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1  
NARRATIVE SUMMARY OF OPERATIONS  
December 1991

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

The following major safety-related maintenance was performed during the month:

1. Miscellaneous corrective and preventive maintenance was performed on the diesel generators.

# OPERATING DATA REPORT

DOCKET NO. 50-348

DATE January 3, 1992

COMPLETED BY D. N. Morey

TELEPHONE (205)899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: December 1991
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): 856.4
7. Maximum Dependable Capacity (Net MWe): 814.0
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 12-1-77, date of commercial operation.

|  | This Month  | Yr-to-Date   | Cumulative    |
|--|-------------|--------------|---------------|
| 11. Hours In Reporting Period  | 744         | 8760         | 123,456       |
| 12. Number Of Hours Reactor Was Critical                                       | 744         | 6956.6       | 95,910.9      |
| 13. Reactor Reserve Shutdown Hours   | 0.0         | 0.0          | 3,650.0       |
| 14. Hours Generator On-Line  | 744         | 6872.6       | 94,264.3      |
| 15. Unit Reserve Shutdown Hours  | 0.0         | 0.0          | 0.0           |
| 16. Gross Thermal Energy Generated (MWH)                                       | 1,961,350.3 | 17,770,643.2 | 241,404,624.2 |
| 17. Gross Electrical Energy Generated (MWH)                                    | 639,298     | 5,734,424.0  | 77,784,762    |
| 18. Net Electrical Energy Generated (MWH)                                      | 607,102     | 5,411,266.0  | 73,416,798.0  |
| 19. Unit Service Factor  | 100.0       | 78.5         | 76.4          |
| 20. Unit Availability Factor   | 100.0       | 78.5         | 76.4          |
| 21. Unit Capacity Factor (Using MDC Net)                                       | 100.2       | 75.9         | 73.5          |
| 22. Unit Capacity Factor (Using DER Net)                                       | 98.4        | 74.5         | 71.7          |
| 23. Unit Forced Outage Rate  | 0           | 2.3          | 7.1           |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): | N/A         |              |               |

|  |          |          |
|--|----------|----------|
| 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  | 08/06/77 | 08/09/77 |
| INITIAL ELECTRICITY  | 08/20/77 | 08/18/77 |
| COMMERCIAL OPERATION   | 12/01/77 | 12/01/77 |

DOCKET NO. 50-348UNIT 1DATE January 3, 1992COMPLETED BY D. N. MoreyTELEPHONE (205)899-5156MONTH DecemberDAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

|    |     |
|----|-----|
| 1  | 808 |
| 2  | 810 |
| 3  | 815 |
| 4  | 823 |
| 5  | 825 |
| 6  | 826 |
| 7  | 823 |
| 8  | 818 |
| 9  | 815 |
| 10 | 821 |
| 11 | 821 |
| 12 | 819 |
| 13 | 816 |
| 14 | 793 |
| 15 | 825 |
| 16 | 827 |

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

|    |     |
|----|-----|
| 17 | 805 |
| 18 | 712 |
| 19 | 827 |
| 20 | 822 |
| 21 | 825 |
| 22 | 822 |
| 23 | 820 |
| 24 | 821 |
| 25 | 823 |
| 26 | 822 |
| 27 | 823 |
| 28 | 820 |
| 29 | 822 |
| 30 | 825 |
| 31 | 837 |

## INSTRUCTIONS

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

DOCKET NO. 50-348

DATE January 3, 1992

TELEPHONE (205) 899-5156

REPORT MONTH DECEMBER

<sup>1</sup>F: Forced  
S: Scheduled

Reason:

- A-Equipment Failure (Explain)
- B-Maintenance or Test
- C-Refueling
- D-Regulatory Restriction
- E-Operator Training & License Examination
- F-Administrative
- G-Operational Error (Explain)
- H-Other (Explain)

Method:

- 1-Manual
- 2-Manual Scram.
- 3-Automatic Scram.
- 4-Other (Explain)

4 Exhibit G-Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report(LER) File (NUREG-  
9161)

<sup>5</sup> Exhibit I - Same Source