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Southern Nuclear Operating Company
the southern electric system

Dave Morey
Vice President
Farley Project

February 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

Gentlemen:

Attached are the January 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,

Dave Morey

RWC:(mor)

Attachments

cc: Mr. S. D. Ebnetter
Mr. B. L. Siegel
Mr. T. M. Ross

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

DOCKET NO.	50-348
DATE	February 7, 1996
COMPLETED BY	R. D. Hill
TELEPHONE	(334) 899-5156

OPERATING STATUS

- | | |
|---|----------------------------------|
| 1. Unit Name: | Joseph M. Farley - Unit 1 |
| 2. Reporting Period: | January 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	744.0	159,264.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	127,433.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-line	744.0	744.0	125,419.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,973,106.6	1,973,106.6	322,727,479.5
17. Gross Electrical Energy Generated (MWH)	654,313.0	654,313.0	104,146,467.0
18. Net Electrical Energy Generated (MWH)	622,693.0	622,693.0	98,362,345.0
19. Unit Service Factor	100.0	100.0	78.7
20. Unit Availability Factor	100.0	100.0	78.7
21. Unit Capacity Factor (Using MDC Net)	103.1	103.1	76.1
22. Unit Capacity Factor (Using DER Net)	101.0	101.0	74.5
23. Unit Forced Outage Rate	0.0	0.0	5.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	N/A		

- | | | |
|---|-----------------|-----------------|
| 25. If Shutdown 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. 50-348
 UNIT 1
 DATE February 7, 1996
 COMPLETED BY R. D. Hill
 TELEPHONE (334) 899-5156

MONTH January

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	831	17	834
2	830	18	831
3	837	19	840
4	840	20	840
5	839	21	840
6	839	22	840
7	839	23	837
8	840	24	835
9	840	25	840
10	839	26	834
11	838	27	836
12	838	28	839
13	838	29	838
14	838	30	834
15	837	31	833
16	836		

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.

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

On January 22, 1996, with the unit operating in mode 1 at 100 percent reactor power, the unit was ramped to 64 percent reactor power due to speed oscillations on the 2B SGFP.

The speed controller card was replaced and the unit was returned to 100 percent reactor power at 1714 on January 23, 1996.

On January 30, 1996, with the unit operating in mode 1 at 100 percent reactor power, the unit was ramped down to 15 percent reactor power to perform chemistry flush of SGs.

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

OPERATING DATA REPORT

DOCKET NO.	50-364
DATE	February 7, 1996
COMPLETED BY	R. D. Hill
TELEPHONE	(334) 899-5156

OPERATING STATUS

- | | | |
|-----|--|----------------------------------|
| 1. | Unit Name: | Joseph M. Farley - Unit 2 |
| 2. | Reporting Period: | January 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): | 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 |

Notes

- 1) Cumulative data since 07-30-81, date of commercial operation.

	This Month	Yr.to Date	Cumulative
11. Hours in Reporting Period	744.0	744.0	127,177.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	109,647.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-line	744.0	744.0	107,954.2
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,867,750.6	1,867,750.6	274,841,541.0
17. Gross Electrical Energy Generated (MWH)	617,503.0	617,503.0	90,079,982.0
18. Net Electrical Energy Generated (MWH)	587,061.0	587,061.0	85,400,712.0
19. Unit Service Factor	100.0	100.0	84.9
20. Unit Availability Factor	100.0	100.0	84.9
21. Unit Capacity Factor (Using MDC Net)	96.0	96.0	82.0
22. Unit Capacity Factor (Using DER Net)	95.2	95.2	81.0
23. Unit Forced Outage Rate	0.0	0.0	4.0
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	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 February 7, 1996
 COMPLETED BY R. D. Hill
 TELEPHONE (334) 899-5156

MONTH January

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	835	17	834
2	833	18	831
3	841	19	843
4	843	20	843
5	840	21	843
6	841	22	803
7	842	23	753
8	844	24	838
9	842	25	844
10	842	26	836
11	842	27	840
12	843	28	844
13	843	29	842
14	839	30	169
15	839	31	57
16	837		

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 February 7, 1996
 COMPLETED BY S. M. Allison
 TELEPHONE (334) 899-5156, ext. 3442

REPORT MONTH January

NO	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD (3)	LER #	STATUS S Y S T E M	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
001	960122	F	0	A	4	N/A	SJ	P	<p>On 960122, with the unit operating in mode 1 at 100 percent reactor power, the unit was ramped to 64 percent reactor power due to speed oscillations on the 2B SGFP.</p> <p>The speed controller card was replaced and the unit was returned to 100 percent reactor power at 1714 on 960123.</p>
002	960130	S	0	B	4	N/A	AB	SG	<p>On 960130, with the unit operating in mode 1 at 100 percent reactor power, the unit was ramped down to 15 percent reactor power to perform chemistry flush of SGs.</p>

- 1: F: Forced
S: Scheduled
- 2: 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)

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

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