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Southern Nuclear Operating Company  
*the southern electric system*

J. D. Woodard  
Vice President  
Farley Project

February 12, 1993

Docket Nos. 50-348  
50-364

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

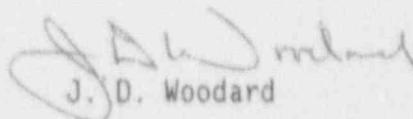
Gentlemen:

Joseph M. Farley Nuclear Plant  
Monthly Operating Data Report

Attached are the January 1993 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

JAR:scj(mor.let)

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  
January 1993

At 1820 on 1-8-93, the unit was ramped down to 60 percent reactor power to perform maintenance on the high pressure stop valve on the 1A steam generator feed pump. The unit returned to 100 percent power at 0416 on 1-10-93.

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

1. Performed miscellaneous corrective and preventive maintenance on the diesel generators.

# OPERATING DATA REPORT

DOCKET NO. 50-348  
DATE February 5, 1993  
COMPLETED BY R. D. Hill  
TELEPHONE (205) 899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: January 1993
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): 812.0
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	744.0	744.0	132,984.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	103,865.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-Line	744.0	744.0	102,127.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,928,567.8	1,928,567.8	261,929,643.6
17. Gross Electrical Energy Generated (MWH)	626,348.0	626,348.0	84,393,150.0
18. Net Electrical Energy Generated (MWH)	594,156.0	594,156.0	79,660,406.0
19. Unit Service Factor	100.0	100.0	76.8
20. Unit Availability Factor	100.0	100.0	76.8
21. Unit Capacity Factor (Using MDC Net)	98.3	98.3	74.0
22. Unit Capacity Factor (Using DER Net)	96.3	96.3	72.3
23. Unit Forced Outage Rate	0.0	0.0	6.6
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):

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

08/06/77 08/09/77  
08/20/77 08/18/77  
12/01/77 12/01/77

DOCKET NO. 50-348UNIT 1DATE February 5, 1993COMPLETED BY R. D. HillTELEPHONE (205) 899-5156MONTH JanuaryDAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>818</u>
2	<u>818</u>
3	<u>817</u>
4	<u>814</u>
5	<u>812</u>
6	<u>815</u>
7	<u>815</u>
8	<u>764</u>
9	<u>472</u>
10	<u>812</u>
11	<u>819</u>
12	<u>819</u>
13	<u>811</u>
14	<u>730</u>
15	<u>766</u>
16	<u>822</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>821</u>
18	<u>820</u>
19	<u>813</u>
20	<u>816</u>
21	<u>750</u>
22	<u>817</u>
23	<u>818</u>
24	<u>817</u>
25	<u>822</u>
26	<u>824</u>
27	<u>822</u>
28	<u>823</u>
29	<u>821</u>
30	<u>823</u>
31	<u>824</u>

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.

AVGDLY.PWR

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-348  
 UNIT NAME J. M. Farley - Unit 1  
 DATE February 5, 1993  
 COMPLETED BY R. D. Hill  
 TELEPHONE (205) 899-5156

REPORT MONTH: JANUARY

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	LICENSEE EVENT REPORT #	SYSTEM CODE <sup>4</sup>	COMPONENT <sup>5</sup>	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
001	930108	S	34.0	A	N/A	N/A	SJ	N/A	At 1820 on 1-8-93, the unit was ramped down to 60 percent reactor power to work on the high pressure stop valve on the 1A steam generator feed pump. The unit returned to 100 percent power at 0416 on 1-10-93.

1:

F: Forced  
S: Scheduled

2:

Reason:

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

3:

Method:

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

4:

Exhibit G-Instructions for  
 Preparations for Data Entry  
 Sheets for Licensee Event  
 Report (LER) File (NUREG-0161)

5:

Exhibit I - Same Source

JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 2  
NARRATIVE SUMMARY OF OPERATIONS  
January 1993

At 2315 on 1-30-93, the unit was taken off line for an eight day forced outage. The primary focus of the outage was the replacement of the 'B' pressurizer safety value due to seat leakage.

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

1. Miscellaneous corrective and preventive maintenance was performed on the diesel generators.
2. Installed a new diaphragm in the Reactor Makeup Water Storage Tank.
3. Refurbished the 2D service water motor and pump.

# OPERATING DATA REPORT

DOCKET NO. 50-364  
 DATE February 5, 1993  
 COMPLETED BY R. D. Hill  
 TELEPHONE (205) 899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: January 1993
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): 822.0
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: Item numbers 6 and 7 changed to reflect current output capacity.
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 7-30-81, date of commercial operation

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	744.0	744.0	100,897.0
12. Number Of Hours Reactor Was Critical	719.5	719.5	86,741.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-Line	719.3	719.3	85,636.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,879,525.4	1,879,525.4	218,410,473.2
17. Gross Electrical Energy Generated (MWH)	619,425.0	619,425.0	71,631,603.0
18. Net Electrical Energy Generated (MWH)	589,063.0	589,063.0	67,928,261.0
19. Unit Service Factor	96.7	96.7	84.9
20. Unit Availability Factor	96.7	96.7	84.9
21. Unit Capacity Factor (Using MDC Net)	96.3	96.3	82.1
22. Unit Capacity Factor (Using DER Net)	95.5	95.5	81.2
23. Unit Forced Outage Rate	3.3	3.3	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):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

05/06/81	05/08/81
05/24/81	05/25/81
08/01/81	07/30/81



DOCKET NO. 50-364UNIT 2DATE February 5, 1993COMPLETED BY R. D. HillTELEPHONE (205) 899-5156MONTH JanuaryDAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)1 8252 8243 8234 8195 8176 8227 8228 8209 82410 82611 82512 82413 80114 82815 82916 828DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)17 82718 82619 82520 82621 82422 82223 82524 82525 83026 82927 82728 82929 82730 67931 0INSTRUCTIONS

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.

AVGDLY.PWR



# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-364  
 UNIT NAME J. M. Farley - Unit 2  
 DATE February 5, 1993  
 COMPLETED BY R. D. Hill  
 TELEPHONE (205) 899-5156

REPORT MONTH: JANUARY

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	LICENSEE EVENT REPORT #	SYSTEM CODE <sup>4</sup>	COMPONENT CODE <sup>5</sup>	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
001	930130	F	24.7	A	1	N/A	N/A	N/A	At 2315 on 1-30-93, the unit was taken off line for an eight day Forced Outage. The primary focus of the outage was the replacement of the 'B' pressurizer safety valve due to seat leakage.

1:

F: Forced  
S: Scheduled

2:

Reason:  
 A - Equipment Failure (Explain)  
 B - Maintenance or Test  
 C - Refueling  
 D - Regulatory Restriction  
 E - Operator Training & Licensing Examination  
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