



Southern Nuclear Operating Company

the southern electric system

June 11, 1993

Docket Nos. 50-348
50-364

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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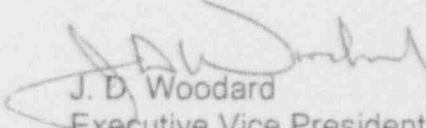
Joseph M. Farley Nuclear Plant
Monthly Operating Data Report

Gentlemen:

Attached are the May 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
Executive Vice President

FMJ:scj(mor.let)

Attachments

cc: Mr. S. D. Ebner
Mr. T. A. Reed
Mr. G. F. Maxwell

JE24

OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: May 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	3,623.0	135,863.0
12. Number Of Hours Reactor Was Critical	744.0	3,405.6	106,526.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	3650.0
14. Hours Generator On-Line	744.0	3,385.9	104,769.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,971,444.0	8,874,434.3	268,875,510.1
17. Gross Electrical Energy Generated (MWH)	635,574.0	2,873,566.0	86,640,368.0
18. Net Electrical Energy Generated (MWH)	603,412.0	2,721,108.0	81,787,358.0
19. Unit Service Factor	100.0	93.5	77.1
20. Unit Availability Factor	100.0	93.5	77.1
21. Unit Capacity Factor (Using MDC Net)	99.9	92.5	73.9
22. Unit Capacity Factor (Using DER Net)	97.8	92.5	72.6
23. Unit Forced Outage Rate	0.0	6.5	6.7
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>N/A</u>			

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	<u>08/06/77</u>	<u>08/09/77</u>
INITIAL ELECTRICITY	<u>08/20/77</u>	<u>08/18/77</u>
COMMERCIAL OPERATION	<u>12/01/77</u>	<u>12/01/77</u>

DOCKET NO. 50-348

UNIT 1

DATE June 5, 1993

COMPLETED BY R. D. Hill

TELEPHONE (205) 899-5156

MONTH May

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>813</u>	17	<u>810</u>
2	<u>812</u>	18	<u>814</u>
3	<u>810</u>	19	<u>809</u>
4	<u>811</u>	20	<u>812</u>
5	<u>817</u>	21	<u>816</u>
6	<u>815</u>	22	<u>818</u>
7	<u>813</u>	23	<u>817</u>
8	<u>804</u>	24	<u>812</u>
9	<u>796</u>	25	<u>811</u>
10	<u>811</u>	26	<u>811</u>
11	<u>812</u>	27	<u>811</u>
12	<u>813</u>	28	<u>808</u>
13	<u>812</u>	29	<u>806</u>
14	<u>811</u>	30	<u>807</u>
15	<u>812</u>	31	<u>807</u>
16	<u>811</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.

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
May 1993

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

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

1. Performed miscellaneous corrective and preventive maintenance on the diesel generators.
2. Performed corrective and preventive maintenance and modifications to the Service Water System.
3. Cleaned and inspected the component cooling water heat exchanger and performed miscellaneous maintenance on this component.

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH: May

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT #	SYSTEM CODE ⁴	COMPONENT CODE ⁵	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
There were no unit shutdowns or major power reductions during the month of May.									

- | | | | | |
|---|---|---|---|---|
| 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 |
|---|---|---|---|---|

OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: May 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: 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 7-30-81, date of commercial operation

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	744.0	3,623.0	103,776.0
12. Number Of Hours Reactor Was Critical	744.0	3,564.0	89,585.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-Line	744.0	3,369.0	88,285.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,902,839.2	8,718,422.9	225,249,370.7
17. Gross Electrical Energy Generated (MWH)	620,818.0	2,862,578.0	73,874,756.0
18. Net Electrical Energy Generated (MWH)	590,358.0	2,718,142.0	70,057,340.0
19. Unit Service Factor	100.0	93.0	85.1
20. Unit Availability Factor	100.0	93.0	85.1
21. Unit Capacity Factor (Using MDC Net)	96.5	91.3	82.3
22. Unit Capacity Factor (Using DER Net)	95.7	90.5	81.4
23. Unit Forced Outage Rate	0.0	7.0	4.2

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling/Maintenance Outage September 24, 1993; Approximately 60 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	<u>05/06/81</u>	<u>05/08/81</u>
INITIAL ELECTRICITY	<u>05/24/81</u>	<u>05/25/81</u>
COMMERCIAL OPERATION	<u>08/01/81</u>	<u>07/30/81</u>

DOCKET NO. 50-364
UNIT 2
DATE June 5, 1993
COMPLETED BY R. D. Hill
TELEPHONE (205) 899-5156

MONTH May

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>818</u>	17	<u>781</u>
2	<u>816</u>	18	<u>816</u>
3	<u>813</u>	19	<u>815</u>
4	<u>815</u>	20	<u>819</u>
5	<u>797</u>	21	<u>824</u>
6	<u>474</u>	22	<u>826</u>
7	<u>815</u>	23	<u>821</u>
8	<u>814</u>	24	<u>815</u>
9	<u>814</u>	25	<u>815</u>
10	<u>814</u>	26	<u>815</u>
11	<u>817</u>	27	<u>814</u>
12	<u>818</u>	28	<u>813</u>
13	<u>818</u>	29	<u>812</u>
14	<u>818</u>	30	<u>812</u>
15	<u>665</u>	31	<u>812</u>
16	<u>662</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

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

There were no unit shutdowns but there was one major power reduction during the month of May.

Unit 2 was manually ramped down to 35% power to isolate the excess letdown heat exchanger due to a tube leak. The unit returned to 99% power at 1940 on 05/06/93.

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

1. Miscellaneous corrective and preventive maintenance was performed on the diesel generators.
2. Performed corrective and preventive maintenance and modifications to the Service Water System.
3. Cleaned and inspected the component cooling water heat exchanger and performed miscellaneous maintenance on this component.
4. Performed maintenance on normal charging valve HV8146 due to the valve being stuck on the seat.

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH: May

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT #	SYSTEM CODE ⁴	COMPONENT CODE ⁵	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
003	05/05/93	S	23.67	A	N/A	N/A	N/A	N/A	At 2000 on 05/05/93, the Unit was ramped down to 35% to isolate the excess letdown heat exchanger due to a tube leak. The unit reached 99% power at 1940 on 05/06/93.

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