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Southern Nuclear Operating Company
the southern electric system

J. D. Woodard
Vice President
Farley Project

April 13, 1993

Docket Nos. 50-348
50-364

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

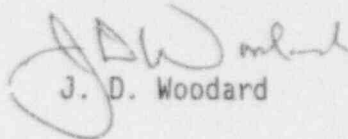
Joseph M. Farley Nuclear Plant
Unit 1 and 2
Monthly Operating Data Reports

Gentlemen:

Attached are the March 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

AEJ:edb3014

Attachments

cc: Mr. S. D. Ebnetter
Mr. G. F. Maxwell
Mr. G. F. Wunder

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PDR ADOCK 05000348
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JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
March 1993

At 0524 on 3-6-93, the unit was taken off line for a forced outage. The primary focus of the outage was to replace the #4 governor valve to the main turbine. The unit returned to 100 percent power at 1609 on 3-17-93.

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

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

1. Performed miscellaneous corrective and preventive maintenance on the diesel generators.
2. Replaced the #4 governor valve to the main turbine during the outage.
3. Replaced the rotor in the #1 river water pump motor.
4. Repaired the #2 Conoseal on the reactor head during the outage.
5. Repaired the 1B main steam atmospheric relief valve during the outage.

OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: March 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	2,160.0	134,400.0
12. Number Of Hours Reactor Was Critical	526.6	1,942.6	105,063.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-Line	506.9	1,922.9	103,306.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,293,223.7	4,997,395.7	264,998,471.5
17. Gross Electrical Energy Generated (MWH)	415,638.0	1,620,712.0	85,387,514.0
18. Net Electrical Energy Generated (MWH)	387,604.0	1,531,336.0	80,597,586.0
19. Unit Service Factor	68.1	89.0	76.9
20. Unit Availability Factor	68.1	89.0	76.9
21. Unit Capacity Factor (Using MDC Net)	64.2	87.3	73.6
22. Unit Capacity Factor (Using DER Net)	62.8	85.5	72.3
23. Unit Forced Outage Rate	31.9	11.0	6.8
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 April 5, 1993COMPLETED BY R. D. HillTELEPHONE (205) 899-5156MONTH MarchDAY AVERAGE DAILY POWER LEVEL
(MWe-Net)1 8232 8203 7924 8195 8196 927 08 09 010 011 012 013 014 015 016 224DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)17 59518 80919 81320 81821 81622 81523 81324 81625 81726 81527 81828 81729 81630 81531 810INSTRUCTIONS

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 April 5, 1993
 COMPLETED BY R. D. Hill
 TELEPHONE (205) 899-5156

REPORT MONTH: April

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
002	930306	F	237.1	A	1	N/A	N/A	N/A	At 0524 on 3/6/93, the unit was taken off line for a forced outage. The primary focus of the outage was to replace the #4 governor valve to the main turbine. The unit returned to 100 percent power on 3/17/93 at 1609.

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
March 1993

At 1000 on 3-20-93, the unit was ramped down to 55 percent reactor power to perform maintenance on the 2B steam generator feedwater pump. The unit returned to 100 percent power at 0510 on 3-21-93.

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

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

1. Miscellaneous corrective and preventive maintenance was performed on the diesel generators.
2. Eighteen tubes in the 2C component cooling water heat exchanger were plugged.

OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: March 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	2,160.0	102,313.0
12. Number Of Hours Reactor Was Critical	744.0	2,101.0	88,122.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-Line	744.0	1,906.0	86,822.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,936,119.4	4,929,693.5	221,460,641.3
17. Gross Electrical Energy Generated (MWH)	637,301.0	1,621,494.0	72,633,672.0
18. Net Electrical Energy Generated (MWH)	606,995.0	1,536,918.0	68,876,116.0
19. Unit Service Factor	100.0	88.2	84.9
20. Unit Availability Factor	100.0	88.2	84.9
21. Unit Capacity Factor (Using MDC Net)	99.3	86.6	82.1
22. Unit Capacity Factor (Using DER Net)	98.4	85.8	81.2
23. Unit Forced Outage Rate	0.0	11.8	4.3
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):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

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

DOCKET NO. 50-364UNIT 2DATE April 5, 1993COMPLETED BY R. D. HillTELEPHONE (205) 899-5156MONTH MarchDAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>827</u>
2	<u>824</u>
3	<u>823</u>
4	<u>824</u>
5	<u>826</u>
6	<u>827</u>
7	<u>827</u>
8	<u>825</u>
9	<u>823</u>
10	<u>823</u>
11	<u>827</u>
12	<u>827</u>
13	<u>827</u>
14	<u>826</u>
15	<u>826</u>
16	<u>824</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>824</u>
18	<u>827</u>
19	<u>828</u>
20	<u>622</u>
21	<u>776</u>
22	<u>818</u>
23	<u>817</u>
24	<u>821</u>
25	<u>822</u>
26	<u>820</u>
27	<u>824</u>
28	<u>822</u>
29	<u>823</u>
30	<u>824</u>
31	<u>816</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. 50-364
 UNIT NAME J. M. Farley - Unit 2
 DATE April 5, 1993
 COMPLETED BY R. D. Hill
 TELEPHONE (205) 899-5156

REPORT MONTH: April

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
002	930320	F	19.2	A	N/A	N/A	N/A	N/A	At 1000 on 3-20-93, the unit was ramped down to 55 percent reactor power to perform maintenance on the 2B steam generator feedwater pump. The unit returned to 100 percent power at 0510 on 3-21-93.

1:
F: Forced
S: Scheduled

2: Reason:
 A - Equipment Failure (Explain)
 B - Maintenance or Test
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 H - Other (Explain)

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