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Southern Nuclear Operating Company
the southern electric system

Dave Morey
Vice President
Farley Project

May 13, 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 April 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. Ebner
Mr. B. L. Siegel
Mr. T. M. Ross

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Joseph M. Farley Nuclear Plant
Unit 1
Narrative Summary of Operations
April 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	May 7, 1996
COMPLETED BY	M. W. McNulty
TELEPHONE	(334) 899-5156, ext.3640

OPERATING STATUS

1.	Unit Name:	Joseph M. Farley - Unit 1	Notes 1) Cumulative data since 12-01-77, date of commercial operation.
2.	Reporting Period:	April 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	

	This Month	Yr.to Date	Cumulative
11. Hours in Reporting Period	719.0	2,903.0	161,423.0
12. Number Of Hours Reactor Was Critical	719.0	2,903.0	129,592.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-line	719.0	2,903.0	127,578.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,906,788.0	7,598,767.7	328,353,140.6
17. Gross Electrical Energy Generated (MWH)	627,977.0	2,508,940.0	106,001,094.0
18. Net Electrical Energy Generated (MWH)	597,025.0	2,385,358.0	100,125,010.0
19. Unit Service Factor	100.0	100.0	79.0
20. Unit Availability Factor	100.0	100.0	79.0
21. Unit Capacity Factor (Using MDC Net)	102.3	101.2	76.4
22. Unit Capacity Factor (Using DER Net)	100.2	99.1	74.8
23. Unit Forced Outage Rate	0.0	0.0	5.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	Scheduled maintenance outage for 5/3/96 thru 5/6/96		
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.	50-348
UNIT	1
DATE	May 7, 1996
COMPLETED BY	M. W. McNulty
TELEPHONE	(334) 899-5156 ext 364

MONTH April

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	834	17	833
2	836	18	831
3	835	19	828
4	833	20	825
5	829	21	824
6	834	22	824
7	836	23	826
8	835	24	834
9	834	25	831
10	835	26	825
11	835	27	829
12	833	28	827
13	827	29	823
14	824	30	830
15	829	31	N/A
16	832		

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. 50-348

UNIT NAME J. M. Farley - Unit 1

DATE May 7, 1996

COMPLETED BY M. W. McNulty

TELEPHONE (334) 899-5156, ext.3640

REPORT MONT **April**[illegible]

1:

2:

3.

EVENTS REPORTED

F: Forced

Reason

Method

INVOLVE A

S: Scheduled

A - Equipment Failure (Explain)

1 - Manual

GREATER THAN 20%

B - Maintenance of Test

2 - Manual Scram

REDUCTION IN

C - Refueling

3 - Automatic Scram

AVERAGE DAILY

D - Regulatory Restriction

4 - Other (Explain)

POWER LEVEL FOR

E - Operator Training & License Examination

THE PRECEDING 24

F - Administrative

HOURS.

G - Operational Error (Explain)

H - Other (Explain)

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

At 1900 on April 19, 1996, with the unit operating in mode 1 at 100% reactor power, the unit began a ramp down due to an apparent entry into Technical Specification (TS) 3.0.3 action statement as a result of steam generator tube TS acceptance criteria interpretation. After further review, it was determined the steam generator tubes met the TS acceptance criteria, and the ramp was stopped at 70% reactor power and TS 3.0.3 was exited.

The unit was returned to 100% reactor power at 0209 on April 20, 1996.

At 1834 on April 22, 1996, with the unit operating in mode 1 at 100% reactor power, the unit began a ramp down due to entry into Technical Specification (TS) 3.0.3 action statement as a result of not meeting steam generator tube TS acceptance criteria. The ramp down was stopped at 35% and TS 3.0.3 was exited after an enforcement discretion was granted by the NRC.

The unit was returned to 100% reactor power at 0549 on April 23, 1996.

OPERATING DATA REPORT

DOCKET NO.	50-364
DATE	May 7, 1996
COMPLETED BY	M. W. McAnulty
TELEPHONE	(334) 899-5156, ext.3640

OPERATING STATUS

- | | | |
|-----|--|---------------------------|
| 1. | Unit Name: | Joseph M. Farley - Unit 2 |
| 2. | Reporting Period: | April 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	719.0	2,903.0	129,336.0
12. Number Of Hours Reactor Was Critical	719.0	2,903.0	111,806.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-line	719.0	2,903.0	110,113.2
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,895,145.7	7,404,675.8	280,378,466.2
17. Gross Electrical Energy Generated (MWH)	626,318.0	2,447,410.0	91,909,889.0
18. Net Electrical Energy Generated (MWH)	596,808.0	2,328,366.0	87,142,017.0
19. Unit Service Factor	100.0	100.0	85.1
20. Unit Availability Factor	100.0	100.0	85.1
21. Unit Capacity Factor (Using MDC Net)	101.0	97.6	82.2
22. Unit Capacity Factor (Using DER Net)	100.1	96.7	81.3
23. Unit Forced Outage Rate	0.0	0.0	3.9

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
 Refueling Outage scheduled for October 12, 1996 with a duration of 47 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	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	May 7, 1996
COMPLETED BY	M. W. McNulty
TELEPHONE	(334) 899-5156 ext 364

MONTH April

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	839	17	839
2	842	18	836
3	841	19	802
4	838	20	829
5	835	21	832
6	841	22	760
7	843	23	772
8	844	24	837
9	841	25	833
10	842	26	826
11	841	27	833
12	839	28	830
13	831	29	825
14	828	30	837
15	833	31	N/A
16	839		

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 May 7, 1996
 COMPLETED BY M. W. McAnulty
 TELEPHONE (334) 899-5156, ext.3640

REPORT MONTH **April**

NO.	DATE	T Y P E (1)	DURATION (HOURS)	R E A S O N (2)	M E T H O D (3)	LER #	S Y S T E M E	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
006	960419	F	0	F	4	N/A	AB	SG	At 1900 on 960419, with the unit in mode 1 operating at 100% reactor power, the unit began a ramp down due to an apparent entry into Technical Specification (TS) 3.0.3 action statement as a result of steam generator(SG) tube TS acceptance criteria interpretation. After further review of data, it was determined that the SG tubes met the TS acceptance criteria and the ramp was stopped at 70% reactor power and TS 3.0.3 was exited. The unit was returned to 100% reactor power at 0209 on 960420.
007	960422	F	0	D	4	96-002	AB	SG	At 1834 on 960422, with the unit in mode 1 operating at 100% reactor power, the unit began a ramp down due to entry into TS 3.0.3 action statement as a result of six SG tubes not meeting SG tube TS acceptance criteria. The ramp down was stopped at 35% and TS 3.0.3 was exited after an enforcement discretion was granted by the NRC, pending a TS revision. The unit was returned to 100% reactor power at 0549 on 960423.

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.