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Southern Nuclear Operating Company
the southern electric system

October 11, 1995

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 September 1995 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
September 1995

The unit was taken off line at 0020 on September 16, 1995, for the thirteenth refueling outage.

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

1. The reactor was defueled. Visual inspection of the fuel during off load was performed.

OPERATING DATA REPORT

DOCKET NO.	50-348
DATE	October 9, 1995
COMPLETED BY	S. M. Allison
TELEPHONE	(334) 899-5156 ext. 3442

OPERATING STATUS

1. Unit Name:	Joseph M. Farley - Unit 1
2. Reporting Period:	September 1995
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

Notes

1) Cumulative data since 12-01-77, date of commercial operation.

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	720.0	6,551.0	156,311.0
12. Number Of Hours Reactor Was Critical	360.5	5,971.6	125,228.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-line	360.3	5,935.7	123,389.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	791,505.3	15,409,791.6	317,545,508.6
17. Gross Electrical Energy Generated (MWH)	254,648.0	5,028,952.0	102,442,657.0
18. Net Electrical Energy Generated (MWH)	235,486.0	4,761,964.0	96,761,953.0
19. Unit Service Factor	50.0	90.6	78.9
20. Unit Availability Factor	50.0	90.6	78.9
21. Unit Capacity Factor (Using MDC Net)	40.3	89.5	76.0
22. Unit Capacity Factor (Using DER Net)	39.5	87.7	74.7
23. Unit Forced Outage Rate	0.0	4.1	5.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <i>Refueling/Maintenance Outage in progress.</i>			

25. If Shut Down at End Of Report Period, Estimated Date of Startup:	10/20/95	
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	October 9, 1995
COMPLETED BY	S. M. Allison
TELEPHONE	(334) 899-5156 ext. 3442

MONTH September

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	719	17	0
2	719	18	0
3	716	19	0
4	708	20	0
5	703	21	0
6	698	22	0
7	673	23	0
8	664	24	0
9	653	25	0
10	642	26	0
11	635	27	0
12	628	28	0
13	628	29	0
14	617	30	0
15	580	31	N/A
16	0		

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

REPORT MONTH September

DOCKET NO. 50-348
 UNIT NAME J. M. Farley - Unit 1
 DATE October 9, 1995
 COMPLETED BY S. M. Allison
 TELEPHONE (334) 899-5156, ext. 3442

NO.	DATE	TYPE (1)	DURATION HOURS	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
004	950916	S	359.67	C	1	N/A	N/A	N/A	At 0020, on 950916, the Unit was taken off line for the thirteenth refueling outage.

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)

4:
 Exhibit G- Instructions for
 Preparations of Date 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
September 1995

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.	50-364
DATE	October 9, 1995
COMPLETED BY	S. M. Allison
TELEPHONE	(334) 899-5156 ext. 3442

OPERATING STATUS

1. Unit Name:	Joseph M. Farley - Unit 2
2. Reporting Period:	September 1995
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

Notes

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

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	720.0	6,551.0	124,224.0
12. Number Of Hours Reactor Was Critical	720.0	5,098.0	106,755.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-line	720.0	4,870.2	105,092.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,909,440.0	11,145,266.8	267,484,972.5
17. Gross Electrical Energy Generated (MWH)	625,477.0	3,596,629.0	87,651,171.0
18. Net Electrical Energy Generated (MWH)	595,863.0	3,369,361.0	83,091,659.0
19. Unit Service Factor	100.0	74.3	84.6
20. Unit Availability Factor	100.0	74.3	84.6
21. Unit Capacity Factor (Using MDC Net)	100.7	62.6	81.6
22. Unit Capacity Factor (Using DER Net)	99.8	62.0	80.7
23. Unit Forced Outage Rate	0.0	4.3	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
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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	October 9, 1995
COMPLETED BY	S. M. Allison
TELEPHONE	(334) 899-5156 ext. 3442

MONTH September

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	825	17	818
2	824	18	829
3	825	19	828
4	834	20	830
5	832	21	826
6	834	22	825
7	832	23	831
8	828	24	837
9	824	25	835
10	823	26	826
11	822	27	831
12	822	28	831
13	823	29	832
14	826	30	828
15	827	31	N/A
16	822		

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 October 9, 1995

COMPLETED BY S. M. Allison

TELEPHONE (334) 899-5156, ext. 3442

REPORT MONTH **September**[illegible]

1c

2

3:

4.

5

F: Forced

Reason

Method

Exhibit G- Instructions for

Exhibit I - Same Source

S: Scheduled

A - Equipment Failure (Explain)

1 - Manual

Preparations of Date Entry

B - Maintenance or Test

2 - Manual Scram

Sheets for Licensee Event

C - Refueling

3 - Automatic Scram

Report (LER) File (NUREG-0161)

D - Regulatory Restriction

4 - Other (Explain)

E - Operator Training & License Examination

F - Administrative

G - Operational Error (Explain)

H - Other (Explain)