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J. D. Woodard
Executive Vice President

Southern Nuclear Operating Company
the southern electric system

May 11, 1995

Docket Nos. 50-348
50-364

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

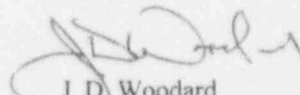
Joseph M. Farley Nuclear Plant
Monthly Operating Data Report

Gentlemen:

Attached are the April 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,



J. D. Woodard

RWC:jgp(mor)

Attachments

cc: Mr. S. D. Ebner
Mr. B. L. Siegel
Mr. T. M. Ross

9505180201 950430
PDR ADDCK 05000390
R PDR

JE24.1

Joseph M. Farley Nuclear Plant
Unit 1
Narrative Summary of Operations
April 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.	50-348
DATE	May 5, 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: April 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
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 12-01-77, date of commercial operation.

	This Month	Yr. to Date	Cumulative
11. Hours in Reporting Period	719.0	2,879.0	152,639.0
12. Number Of Hours Reactor Was Critical	719.0	2,788.7	122,045.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-line	719.0	2,768.9	120,222.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,904,130.8	7,316,921.9	309,452,638.9
17. Gross Electrical Energy Generated (MWH)	626,268.0	2,408,618.0	99,822,323.0
18. Net Electrical Energy Generated (MWH)	595,692.0	2,286,000.0	94,285,989.0
19. Unit Service Factor	100.0	96.2	78.8
20. Unit Availability Factor	100.0	96.2	78.8
21. Unit Capacity Factor (Using MDC Net)	102.0	97.8	75.8
22. Unit Capacity Factor (Using DER Net)	99.9	95.8	74.5
23. Unit Forced Outage Rate	0.0	3.8	5.9

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling/Maintenance Outage, September 16, 1995. Approximately 41 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 | 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 5, 1995
COMPLETED BY	S. M. Allison
TELEPHONE	(334) 899-5156 ext. 3442

MONTH April

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	833	17	827
2	833	18	826
3	833	19	824
4	832	20	824
5	831	21	825
6	832	22	825
7	831	23	822
8	830	24	830
9	829	25	832
10	827	26	830
11	825	27	828
12	825	28	828
13	829	29	830
14	832	30	826
15	832	31	N/A
16	829		

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 5, 1995

COMPLETED BY S. M. Allison

TELEPHONE (334) 899-5156, ext. 3442

REPORT MONTH April

[illegible]

15

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
April 1995

The tenth refueling outage continued through the month of April. The generator was synchronized to the grid on April 27, 1995, at 0645.

1. The following safety related maintenance was performed during the month:
 - A) Performed maintenance on the 2C diesel generator governor low speed and high speed stops.
2. The following maintenance was associated with outage activities:
 - A) Isolated the refueling water storage tank level inputs to the solid-state protection system from the turbine field inputs. The design for this fuse modification results from the potential effects of a high energy line break in the turbine building.
 - B) Relocated the lower steam generator narrow range level taps to a lower location within the transition cone, allowing for an increased calibrated span on the narrow range level transmitters. The wider span will provide the operators additional time to respond to off normal/transient situations and will minimize the effects of shrink and swell. As a result of this modification, the reactor trip setpoint, turbine trip setpoint, and AMSAC actuation setpoints have changed, as well as the normal operating band and the steam generator level program.
 - C) Redesigned the core for the Cycle 11 reload to allow use of previously discharged assemblies from earlier cycles. Per visual examinations during the core off-load, a uniform black surface deposit was discovered over nearly the full height of the fuel assemblies. Although the measured fuel oxide thickness was greater than expected on some end-of-cycle-10 assemblies, the fuel met design limits. The cladding was capable of meeting performance criteria and there was no impact to the safety and health of the public. A conservative decision was made not to use 33 fuel assemblies previously planned for reinsertion into Cycle 11 reload. A root cause investigation is still in progress.
 - D) Achieved reactor initial criticality at 1033 on 4-25-95.

OPERATING DATA REPORT

DOCKET NO.	50-364
DATE	May 5, 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: April 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
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	2,879.0	120,552.0
12. Number Of Hours Reactor Was Critical	133.4	1,712.2	103,369.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-line	89.2	1,656.4	101,879.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	76,112.4	4,101,772.2	260,441,477.9
17. Gross Electrical Energy Generated (MWH)	17,689.0	1,353,248.0	85,407,790.0
18. Net Electrical Energy Generated (MWH)	5,629.0	1,271,568.0	80,993,866.0
19. Unit Service Factor	12.4	57.5	84.5
20. Unit Availability Factor	12.4	57.5	84.5
21. Unit Capacity Factor (Using MDC Net)	1.0	53.7	81.9
22. Unit Capacity Factor (Using DER Net)	0.9	53.3	81.0
23. Unit Forced Outage Rate	0.0	0.0	3.9
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):	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 5, 1995
COMPLETED BY	S. M. Allison
TELEPHONE	(334) 899-5156 ext. 3442

MONTH April

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	37
12	0	28	176
13	0	29	191
14	0	30	186
15	0	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 April

DOCKET NO. 50-364
 UNIT NAME J. M. Farley - Unit 2
 DATE May 5, 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
002	950401	S	629.8	C	1	N/A	N/A	N/A	The tenth refueling outage continued from 950311. Power operation began at 0645 on 950427.

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