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Southern Nuclear Operating Company
the southern electric system

J. D. Woodard
Vice President
Farley Project

January 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 December 1992 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. Ebneter
Mr. S. T. Hoffman
Mr. G. F. Maxwell

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JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
December, 1992

The cycle 11-12 refueling outage continued through the month of December. Power operation began at 2046 on 12-2-92.

The generator was taken off line at 0834 on 12-3-92 to perform a turbine overspeed trip test. The unit returned to power operation at 0934 on 12-3-92. The reactor remained critical during the test.

There was one reactor trip during the month of December.

At 0257 on 12-13-92 while operating at 100% power the reactor tripped on feedwater flow less than steam flow coincident with low steam generator water level on the 1C steam generator. This trip was caused by the failure of a feedwater control circuit relay to energize due to a cracked fuse on the relay card. The unit returned to power operation at 1152 on 12-14-92.

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

1. Performed miscellaneous corrective and preventive maintenance on the diesel generators.

OPERATING DATA REPORT

DOCKET NO. 50-348
DATE January 6, 1993
COMPLETED BY R. D. Hill
TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: December 1992
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	8,784.0	132,240.0
12. Number Of Hours Reactor Was Critical	721.4	7,210.4	103,121.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-Line	665.3	7,119.4	101,383.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,560,306.6	18,596,452.3	260,001,075.8
17. Gross Electrical Energy Generated (MWH)	497,340.0	5,982,040.0	83,766,802.0
18. Net Electrical Energy Generated (MWH)	466,290.0	5,651,452.0	79,066,250.0
19. Unit Service Factor	89.4	81.0	76.7
20. Unit Availability Factor	89.4	81.0	76.7
21. Unit Capacity Factor (Using MDC Net)	77.2	79.2	73.9
22. Unit Capacity Factor (Using DER Net)	75.6	77.6	72.1
23. Unit Forced Outage Rate	10.6	0.5	6.7

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	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 January 6, 1993

COMPLETED BY R. D. Hill

TELEPHONE (205) 899-5156

MONTH December

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	815
2	0	18	819
3	94	19	817
4	188	20	814
5	226	21	813
6	406	22	811
7	745	23	811
8	818	24	816
9	818	25	817
10	815	26	817
11	819	27	820
12	819	28	821
13	69	29	822
14	8	30	820
15	588	31	820
16	813		

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. 50-348
UNIT NAME J. M. Farley - Unit 1
DATE January 6, 1993
COMPLETED BY R. D. Hill
TELEPHONE (205) 399-5156

REPORT MONTH: DECEMBER

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	921201	S	44.8	C	1	N/A	N/A	N/A	The cycle 11-12 refueling continued from 920925. Power operation began at 2046 on 12-2-92.
003	921203	S	1	B	N/A	N/A	N/A	N/A	The generator was taken off line for a turbine overspeed trip test. The reactor remained critical during the test.
004	921213	F	32.9	A	3	92-008-00	JB	FU	At 0257 on 12-13-92, while operating at 100% power the reactor tripped on feedwater flow less than steam flow coincident with low steam generator water level on the 1C steam generator. This trip was caused by the failure of a feedwater control circuit relay to energize due to a cracked fuse on the relay card. The fuse was replaced. Appropriate procedure changes will be made to attempt to prevent future reactor trips due to this type of event. A sampling fuse inspection will be performed at the next available opportunity. The unit returned to power operation at 1152 on 12-14-92.

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
December, 1992

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

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

1. Miscellaneous corrective and preventive maintenance was performed on the diesel generators.

2. Repaired leaking tube in the 2A Component Cooling Water pump room cooler.

OPERATING DATA REPORT

DOCKET NO. 50-364
DATE January 6, 1993
COMPLETED BY R. D. Hill
TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: December 1992
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): 864.3
7. Maximum Dependable Capacity (Net MWe): 824.0
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	8,784.0	100,153.0
12. Number Of Hours Reactor Was Critical	744.0	7,157.6	86,021.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-Line	744.0	6,988.2	84,916.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,952,057.6	17,571,626.2	216,530,947.8
17. Gross Electrical Energy Generated (MWH)	643,749.0	5,716,094.0	71,012,178.0
18. Net Electrical Energy Generated (MWH)	613,183.0	5,405,136.0	67,339,198.0
19. Unit Service Factor	100.0	79.6	84.8
20. Unit Availability Factor	100.0	79.6	84.8
21. Unit Capacity Factor (Using MDC Net)	100.0	74.7	82.0
22. Unit Capacity Factor (Using DER Net)	99.4	74.2	81.1
23. Unit Forced Outage Rate	0.0	2.8	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
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

DATARPT.U2

DOCKET NO. 50-364

UNIT 2

DATE January 6, 1993

COMPLETED BY R. D. Hill

TELEPHONE (205) 899-5156

MONTH December

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	827	17	820
2	827	18	827
3	827	19	803
4	826	20	814
5	827	21	818
6	829	22	817
7	826	23	818
8	828	24	826
9	827	25	827
10	825	26	826
11	827	27	828
12	828	28	828
13	827	29	827
14	826	30	828
15	824	31	828
16	817		

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 January 6, 1993
COMPLETED BY R. D. Hill
TELEPHONE (205) 899-5156

REPORT MONTH: DECEMBER

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 December									

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