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Southern Nuclear Operating Company
the southern electric system

October 15, 1992

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 September 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



IE24
1/1

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

The unit was taken off line at 2307 on September 25, for the cycle 11-12 refueling outage.

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

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

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

2. Local leak rate tests (LLRT) were performed on 43 of 118 containment penetrations and 21 of 43 electrical penetration.

3. The A, B and C loop main steam safeties were tested.

4. Various safety related check valves and motor operated valves were inspected.

# OPERATING DATA REPORT

DOCKET NO. 50-348
DATE October 6, 1992
COMPLETED BY R. D. Hill
TELEPHONE (205)899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: September 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 | 720.0 | 6,575.0 | 130,031.0 |
| 12. Number Of Hours Reactor Was Critical | 599.4 | 6,454.4 | 102,365.3 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 3,650.0 |
| 14. Hours Generator On-Line | 599.1 | 6,454.1 | 100,718.4 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 16. Gross Thermal Energy Generated (MWH) | 1,564,342.1 | 17,035,888.5 | 258,440,512.6 |
| 17. Gross Electrical Energy Generated (MWH) | 500,420.0 | 5,484,586.0 | 83,269,346.0 |
| 18. Net Electrical Energy Generated (MWH) | 470,288.0 | 5,201,648.0 | 78,616,446.0 |
| 19. Unit Service Factor | 83.2 | 98.2 | 77.5 |
| 20. Unit Availability Factor | 83.2 | 98.2 | 77.5 |
| 21. Unit Capacity Factor (Using MDC Net) | 80.4 | 97.4 | 74.7 |
| 22. Unit Capacity Factor (Using DER Net) | 78.8 | 95.4 | 72.9 |
| 23. Unit Forced Outage Rate | 0.0 | 0.0 | 6.7 |

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling/Maintenance Outage, September 25, 1992, approximately 54 days.
25. If Shut Down At End Of Report Period, Estimated Date of Startup: 11/19/92
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 |

Form 2/34

DOCKET NO. 50-348

UNIT 1

DATE October 6, 1992

COMPLETED BY R. D. Hill

TELEPHONE (205)899-5156

MONTH September

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|---|---|---|---|
| 1 | 805 | 17 | 702 |
| 2 | 804 | 18 | 713 |
| 3 | 801 | 19 | 806 |
| 4 | 804 | 20 | 807 |
| 5 | 804 | 21 | 806 |
| 6 | 803 | 22 | 804 |
| 7 | 804 | 23 | 805 |
| 8 | 805 | 24 | 812 |
| 9 | 803 | 25 | 667 |
| 10 | 803 | 26 | 0 |
| 11 | 804 | 27 | 0 |
| 12 | 805 | 28 | 0 |
| 13 | 805 | 29 | 0 |
| 14 | 809 | 30 | 0 |
| 15 | 808 | 31 | |
| 16 | 767 | | |

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-364
UNIT NAME J. M. FARLEY - UNIT 1
DATE October 6, 1992
COMPLETED BY R. D. HILL
TELEPHONE (205)899-5156

REPORT MONTH SEPTEMBER

| 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 | 920925 | S | 120.9 | C | 1 | N/A | N/A | N/A | At 2307, on 9-25-92 the unit was taken off line for the Cycle 11-12 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 Preparation of Data Entry Sheets for Licensee Event Report(LER) File (NUREG-0161)

[5] Exhibit I -Same Source

(9/77)

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
September, 1992

At 0000 on Septe ber 19, reactor power was reduced to 15 percent for steam generator chemical contaminate flushing. The unit returned to 100 percent power on September 21 at 2110.

There were no unit shutdowns during the month September.

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

1. Miscellaneous corrective and preventive maintenance was performed on the diesel generators and the B1G sequencer.

2. Corrective maintenance was performed on an Agastat relay in the power supply to the "C" containment post LOCA air mixing fan.

# OPERATING DATA REPORT

DOCKET NO. 50-364
DATE October 6, 1992
COMPLETED BY R. D. Hill
TELEPHONE (205)899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: September 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 | 720.0 | 6,575.0 | 97,944.0 |
| 12. Number Of Hours Reactor Was Critical | 720.0 | 4,969.2 | 85,833.5 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 138.0 |
| 14. Hours Generator On-Line | 720.0 | 4,821.0 | 82,749.5 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 16. Gross Thermal Energy Generated (MWH) | 1,779,781.1 | 11,986,715.7 | 210,946,037.3 |
| 17. Gross Electrical Energy Generated (MWH) | 572,831.0 | 3,885,235.0 | 69,181,319.0 |
| 18. Net Electrical Energy Generated (MWH) | 543,261.0 | 3,664,353.0 | 65,598,415.0 |
| 19. Unit Service Factor | 100.0 | 73.3 | 84.5 |
| 20. Unit Availability Factor | 100.0 | 73.3 | 84.5 |
| 21. Unit Capacity Factor (Using MDC Net) | 91.6 | 67.6 | 81.7 |
| 22. Unit Capacity Factor (Using DER Net) | 91.0 | 67.2 | 80.8 |
| 23. Unit Forced Outage Rate | 0.0 | 3.2 | 4.1 |

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 October 6, 1992

COMPLETED BY R. D. Hill

TELEPHONE (205)899-5156

MONTH September

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|---|---|---|---|
| 1 | 820 | 17 | 809 |
| 2 | 819 | 18 | 811 |
| 3 | 818 | 19 | 201 |
| 4 | 819 | 20 | 28 |
| 5 | 818 | 21 | 420 |
| 6 | 815 | 22 | 802 |
| 7 | 817 | 23 | 804 |
| 8 | 817 | 24 | 812 |
| 9 | 817 | 25 | 813 |
| 10 | 816 | 26 | 813 |
| 11 | 816 | 27 | 810 |
| 12 | 816 | 28 | [illegible] |
| 13 | 817 | 29 | 811 |
| 14 | 821 | 30 | 820 |
| 15 | 818 | 31 | |
| 16 | 811 | | |

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-364
UNIT NAME J. M. FARLEY - UNIT 2
DATE October 6, 1992
COMPLETED BY R. D. HILL
TELEPHONE (205)899-5156

REPORT MONTH SEPTEMBER

| 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 |
|---|---|---|---|---|---|---|---|---|---|
| 012 | 920919 | S | 69.2 | B | N/A | N/A | N/A | SG | At 0000 on 9-19-92, reactor power was reduced to 15% for steam generator chemical contaminate flushing. |

[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)

[3]Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

[4]Exhibit G-Instructions for Preparation of Data Entry Sheets for Licensee Event Report(LER) File (NUREG-0161)

[5]Exhibit I -Same Source