JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
JULY, 1985

During the month of July, there was one (1) automatic shutdown which occurred on 7-17-85. A significant power reduction occurred on 7-2-85. Power was reduced to approximately 37% of rated thermal power to facilitate a containment entry to add oil to the 1C reactor coolant pump.

The following major safety-related maintenance was performed in the month of July:

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

# OPERATING DATA REPORT

DOCKET NO. 50-348
DATE 8-2-85
COMPLETED BY J. D. Woodard
TELEPHONE (205) 899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: July, 1985
3. Licensed Thermal Power (MWt): 2652
4. Nameplate Rating (Gross MWe): 860
5. Design Electrical Rating (Net MWe): 829
6. Maximum Dependable Capacity (Gross MWe): 860.9
7. Maximum Dependable Capacity (Net MWe): 816.5
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
N/A

**Notes**
1) Cumulative data since 12-1-77, 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 | 744 | 5,087 | 67,199 |
| 12. Number Of Hours Reactor Was Critical | 732.5 | 3,831.1 | 45,960.1 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 3,650.0 |
| 14. Hours Generator On-Line | 721.6 | 3,708.2 | 44,732.6 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 16. Gross Thermal Energy Generated (MWH) | 1,844,333 | 9,378,211 | 113,278,786 |
| 17. Gross Electrical Energy Generated (MWH) | 602,538 | 3,038,490 | 36,132,804 |
| 18. Net Electrical Energy Generated (MWH) | 570,320 | 2,859,066 | 33,988,112 |
| 19. Unit Service Factor | 97.0 | 72.9 | 66.6 |
| 20. Unit Availability Factor | 97.0 | 72.9 | 66.6 |
| 21. Unit Capacity Factor (Using MDC Net) | 93.9 | 68.8 | 63.3 |
| 22. Unit Capacity Factor (Using DER Net) | 92.5 | 67.8 | 61.0 |
| 23. Unit Forced Outage Rate | 3.0 | 3.6 | 12.5 |

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 | 8-6-77 | 8-9-77 |
| INITIAL ELECTRICITY | 8-20-77 | 8-18-77 |
| COMMERCIAL OPERATION | 12-01-77 | 12-1-77 |

DOCKET NO. 50-348
UNIT 1
DATE August 2, 1985
COMPLETED BY J. D. Woodard
TELEPHONE (205) 899-5156

MONTH July, 1985

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|---|---|---|---|
| 1 | 824 | 17 | 766 |
| 2 | 670 | 18 | 0 |
| 3 | 607 | 19 | 441 |
| 4 | 817 | 20 | 814 |
| 5 | 819 | 21 | 813 |
| 6 | 819 | 22 | 806 |
| 7 | 817 | 23 | 816 |
| 8 | 820 | 24 | 816 |
| 9 | 821 | 25 | 820 |
| 10 | 823 | 26 | 821 |
| 11 | 823 | 27 | 822 |
| 12 | 822 | 28 | 815 |
| 13 | 825 | 29 | 821 |
| 14 | 819 | 30 | 821 |
| 15 | 824 | 31 | 818 |
| 16 | 824 | | |

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.

(9/77)

## UNIT SHUTDOWNS AND POWER REDUCTIONS

**REPORT MONTH** July, 1985

**DOCKET NO.** 50-348
**UNIT NAME** J.M. Farley - Unit 1
**DATE** August 2, 1985
**COMPLETED BY** J.D. Woodard
**TELEPHONE** (205) 899-5156

| 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 |
|---|---|---|---|---|---|---|---|---|---|
| 006 | 850702 | F | 0 | B | 4 | N/A | AB | P | Power was reduced to 37% to facilitate a containment entry to add oil to the 1C reactor coolant pump. |
| 007 | 850717 | F | 22.4 | B | 3 | 85-013-00 | SJ | P | A reactor trip occurred due to low-low steam generator level following a trip of the 1B steam generator feed pump (SGFP). The SGFP tripped when a technician accidently bumped a cable and broke a connection on a wire leading to the SGFP thrust bearing wear protection unit. The broken wire caused the protection unit to indicate excessive thrust bearing wear. The wire has been repaired. The technician has been counseled. |

1
F: Forced
S: Scheduled

2
Reason:
A-Equipment Failure (Explain)
B-Maintenance of 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)

**Mailing Address**
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600 North 18th Street
Post Office Box 2641
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Telephone 205 783-6090

**R. P. McDonald**
Senior Vice President
Flintridge Building

Alabama Power
the southern electric system

August 12, 1985

Docket No. 50-348

Director, Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Sir:

RE: Joseph M. Farley Nuclear Plant
Unit 1
Monthly Operating Data Report

Attached are two (2) copies of the July 1985 Monthly Operating Report for Joseph M. Farley Nuclear Plant, Unit 1, required by Section 6.9.1.10 of Appendix A of the Technical Specifications.

If you have any questions, please advise.

Yours very truly,

R. P. McDonald

RPM/SNK:nac/F-2

Enclosures

xc: Director, IE (10 copies)
Director, RII (1 copy)

IE24
1/1