

# OPERATING DATA REPORT

DOCKET NO. 50-364  
 DATE 11-6-83  
 COMPLETED BY W.C. Hairston, III  
 TELEPHONE (205) 899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: October, 1983
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): 854.7
7. Maximum Dependable Capacity (Net MWe): 813.7
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
N/A

### Notes

- 1) Cumulative data since 7/30/81, 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	745	7,296	19,777
12. Number Of Hours Reactor Was Critical	176.6	6,390.7	17,175.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.4
14. Hours Generator On-Line	129.0	6,343.0	16,945.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	163,398	16,519,200	41,941,014
17. Gross Electrical Energy Generated (MWH)	47,902	5,201,582	13,874,816
18. Net Electrical Energy Generated (MWH)	34,258	4,931,914	13,147,964
19. Unit Service Factor	17.3	86.9	85.7
20. Unit Availability Factor	17.3	86.9	85.7
21. Unit Capacity Factor (Using MDC Net)	5.7	83.1	81.7
22. Unit Capacity Factor (Using DER Net)	5.5	81.5	80.2
23. Unit Forced Outage Rate	25.1	0.7	5.2
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>N/A</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY	5/6/81	5/8/81
INITIAL ELECTRICITY	5/24/81	5/25/81
COMMERCIAL OPERATION	8/1/81	7/30/81

DOCKET NO. 50-364UNIT 2DATE 11/6/83COMPLETED BY W.G.Hairston, IIITELEPHONE (205)899-5156MONTH October, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>93</u>
26	<u>192</u>
27	<u>87</u>
28	<u>0</u>
29	<u>305</u>
30	<u>459</u>
31	<u>617</u>

## 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. 50-364UNIT NAME J.M. Farley-Unit 2DATE 11/6/83COMPLETED BY W.G. Hairston, IIITELEPHONE (205) 899-5156REPORT MONTH OCTOBER

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
001	831001	S	572.8	C	1	NA	NA	NA	Cycle II-III refueling outage continued from 9/16/83.
002	831024	F	11.7	H	3	NA	HA	CKTBRK	Generator output breaker opened due to error by non-operations personnel.
003	831027	F	31.6	H	3	NA	ZZ	ZZZZZZ	Train A reactor trip breaker opened due to an SSPS malfunction.

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 - Instruction  
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  
OCTOBER, 1983

The Cycle II-III refueling outage continued into the month of October. During the month of October there were two (2) automatic shutdowns. The first occurred on October 24, 1983 and the second occurred on October 27, 1983.

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

1. Performed miscellaneous maintenance on diesel generators.
2. Repaired Main Steam Isolation Valves.
3. Overhauled A and B reactor coolant drain tank pumps.
4. Repacked #6 river water pump.
5. Loaded Cycle 3 core.
6. Repaired seal leak on 2A charging pump.
7. Repaired B RHR pump.

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### Notes

- 1) Cumulative data since 7/30/81, date of commercial operation.

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10. Reasons For Restrictions, If Any: N/A

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25. If Shut Down At End Of Report Period, Estimated Date of Startup:	<u>N/A</u>	
26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u>5/6/81</u>	<u>5/8/81</u>
INITIAL ELECTRICITY	<u>5/24/81</u>	<u>5/25/81</u>
COMMERCIAL OPERATION	<u>8/1/81</u>	<u>7/30/81</u>

DOCKET NO. 50-364UNIT 2DATE 11/6/83COMPLETED BY W.G. Hairston, IIITELEPHONE (205) 899-5156MONTH October, 1983DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	93
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(9/77)

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH OCTOBER

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 UNIT NAME J.M. Farley-Unit 2  
 DATE 11/6/83  
 COMPLETED BY W.G. Hairston, III  
 TELEPHONE (205) 899-5156

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
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<sup>3</sup>  
 Method:  
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 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instruction  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) (NUREG-  
 0161)

<sup>5</sup>  
 Exhibit I - Same Source

(9/77)

Mailing Address  
Alabama Power Company  
600 North 18th Street  
Post Office Box 2641  
Birmingham, Alabama 35291  
Telephone 205 783-6081

F. L. Clayton, Jr.  
Senior Vice President  
Flintridge Building



Alabama Power  
the southern electric system  
November 10, 1983

Docket No. 50-364

Director, Office of Management  
Information and Program Control  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555


Dear Sir:

RE: Joseph M. Farley Nuclear Plant  
Unit 2  
Monthly Operating Data Report

Attached are two (2) copies of the October, 1983 Monthly Operating Report for Joseph M. Farley Nuclear Plant, Unit 2, required by Section 6.9.1.10 of the Unit 2 Technical Specifications. As requested by letter from Mr. John F. Stolz to Mr. Alan R. Barton, dated October 21, 1977, a "Narrative Summary of Operating Experience" is included in the attached report.

If you have any questions, please advise.

Yours very truly,

  
F. L. Clayton, Jr.

FLCJr/KWM:nac

Enclosures

xc: Mr. Ted Cintula (1 copy)  
Director, IE (10 copies)  
Director, RII (1 copy)

IE24  
1/1

JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 2  
NARRATIVE SUMMARY OF OPERATIONS  
OCTOBER, 1983

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