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Alabama Power
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November 14, 1989

Docket No. 50-348

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

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

Attached is the October 1989 Monthly Operating Report for Joseph M. Farley Nuclear Plant Unit 1, required by Section 6.9.1.10 of the Technical Specifications.

If you have any questions, please advise.

Respectfully submitted,

W. G. Hairston, III

JGS:sme/1.6

Attachment

cc: Mr. S. D. Ebneter
Mr. E. A. Reeves
Mr. G. F. Maxwell

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
October, 1989

The Cycle 9 - 10 refueling outage continued through the month of October.

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

1. The reactor was de-fueled and visual inspections of the reactor vessel were completed. Visual inspections of the fuel revealed no defects. The fuel, including 61 fresh assemblies, was placed back into the reactor vessel.

2. Eddy current examinations were performed on tubes in all three steam generators. As a result of this inspection program, six tubes were plugged: one in the 1A steam generator and five in the 1C steam generator. In addition, the eddy current indications for 18 tubes were not quantifiable and these tubes were plugged as a precautionary measure. These 18 tubes included three tubes in the 1A steam generator, two tubes in the 1B steam generator, and 13 tubes in the 1C steam generator.

3. The program for refurbishing the safety-related motor-operated valves continued.

4. All incore thimble tubes were inspected. As a result of this inspection, three tubes were capped and four were retracted.

5. The turbine driven auxiliary feedwater pump was overhauled.

6. A scored shaft, caused by a bearing failure, was replaced on the 1A motor generator set.

7. An overhaul inspection was performed on the 1B steam generator feedwater pump. Erosion in the gland area was repaired.

8. The 1A reactor coolant pump rotor was refurbished.

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

OPERATING DATA REPORT

DOCKET NO. 50-348
DATE 11/8/89
COMPLETED BY D. N. Morey
TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: October, 1989
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): 866.1
7. Maximum Dependable Capacity (Net MWe): 823.7
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	745	7,296	104,472
12. Number Of Hours Reactor Was Critical	0.0	6,359.2	79,004.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-Line	0.0	6,358.9	77,548.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0	16,746,598	198,329,820
17. Gross Electrical Energy Generated (MWH)	88	5,437,534	63,843,882
18. Net Electrical Energy Generated (MWH)	-5082	5,156,164	60,233,574
19. Unit Service Factor	0.0	87.2	74.2
20. Unit Availability Factor	0.0	87.2	74.2
21. Unit Capacity Factor (Using MDC Net)	-0.8	85.8	71.4
22. Unit Capacity Factor (Using DER Net)	-0.8	85.2	69.5
23. Unit Forced Outage Rate	0.0	0.0	8.2

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Turbine generator overspeed trip test, 11/10/89, approximately eight hours

25. If Shut Down At End Of Report Period, Estimated Date of Startup: November 9, 1989
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 NOVEMBER 1, 1989

COMPLETED BY D. N. Morey

TELEPHONE (205)899-5156

MONTH OCTOBER

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	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

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.

Form 13/21

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-348
UNIT NAME J. M. FARLEY - UNIT 1
DATE NOVEMBER 1, 1989
COMPLETED BY D. N. MOREY
TELEPHONE (205)899-5156

REPORT MONTH OCTOBER

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
001	891001	S	745.0	C	1	N/A	N/A	N/A	The Cycle 9-10 refueling outage continued from 9-22-89.

[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)