JOSEPH M. FARLEY NUCLEAR PLANT UNIT 2 NARRATIVE SUMMARY OF OPERATIONS November, 1987

The Cycle 5 - 6 refueling outage continued into the month of November.

The following major safety-related wiintenance was performed in the month of November:

- 1. Eddy current examinations were completed on all non-plugged tubes in all three steam generators. The inspection covered the full length of tubes above row 2 and from the hot leg tube end to the cold leg of row 2 tubes. (All row 1 tubes are plugged.) No tubes were repaired, 109 tubes were plugged (ZA 13, ZB 35, ZC 61), and 91 tubes were designated F*.
- 2. Shotpeening on the hot leg tube sheet of the steam generators was completed.
- 3. The containment integrated leak rate test was performed successfully.
- 4. Environmental qualification work was performed on the reactor head vents.
- 5. The program of inspecting electrical splices that were installed utilizing methods not evaluated by design for environmental qualification continued. These splices were re-terminated in accordance with approved design on a priority basis.
- 6. Testing of motor-operated valves in response to Inspection and Enforcement Bulletin 85-03 is in progress.
- 7. Miscellaneous corrective and preventive maintenance was performed on the diesel generators.

瑶

OPERATING DATA REPORT

DOCKET NO. 50-364

COMPLETED BY J. D. Woodard

DATE

12/3/87

TELEPHONE (205)899-5156 OPERATING STATUS Notes 1. Unit Name: Joseph M. Farley - Unit 2 2. Reporting Period: November, 1987 1. Unit Name: 1) Cumulative data since 7-30-81, date of 3. Licensed Thermal Power (MWt): 2,652 4. Nameplate Rating (Gross MWe): 860 commercial operation 5. Design Electrical Rating (Net MWe): 829 6. Maximum Dependable Capacity (Gross Mwe): 824.1 7. Maximum Dependable Capacity (Net MWe): 824.1 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): 10. Reasons For Restrictions, If Any: N/A This Month Yr-to-Date Cumulative 720 8,016 55,561 1). Hours In Reporting Period 6,241.9 52,598.1 0.0 2. Number Of Hours Reactor Was Critical 13. Reactor Reservo Shutdown Hours 47,075.6 6,224.8 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 0.0 0.0 0.0 119,102,688 15,784,698 0 16. Gross Thermal Energy Generated (MWH) 5,127,114 39,136,384 44 17. Gross Electrical Energy Camerated (MWH) -7770 4,853,584 37,102,696 18. Net Tlectrical Energy (*merated (MWH) 0.0 84.7 19. Unit Service Factor 84.7 20. Unit Availability Factor -1.373.5 81.9 21. Unit Capacity Factor (Using MDC Net) 73.0 80.6 -1.3 22. Unit Capacity Factor (Using DER Met) 0.0 23. Unit Forced Outage Race 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): 25. If Shut Down At End Of Report Period, Estimated Date of Startup: December 4, 1987 26. Units In Test Status (Prior to Commercial Operation): Forecast Achieved 05/06/81 05/08/81 INITIAL CRITICALITY 05/24/81 05/25/81 INITIAL ELECTRICITY 08/01/81 07/30/81 COMMERCIAL OF ERATION

DOCKET NO. 50-364

UNIT 2

DATE December 3, 1987

COMPLETED BY J. D. Woodard

TELEPHONE (205)899-5156

MONTH	November		
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	
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.

J. M. FARLEY - UNIT. 2 DECEMBER 3, 1987 J. D. WOODARD (205)899-5156 50-364 DOCKET NO. UNIT NAME DATE COMPLETED BY TELEPHONE

.

REPORT MONTH NOVEMBER

				METHOD OF	LICENSEE			CAUSE & CORRECTIVE
OF THE PERSON IN	TYPE	DURATION (HOURS)	REASON ²	SHUTTING DOWN REACTOR	EVENT REPORT #	SYSTEM CODE	COMPONENT CODE 5	ACTION TO PREVENT RECURRENCE
	vs	720.0	U		M/A	4 E	# # # # # # # # # # # # # # # # # # #	The Cycle 5-6 refueling outage continued from 10-3-87.
N	Reason:			e e	Method:			4Exhibit G-Instructions

E-Operator Training & License Examination A-Equipment Failure (Explain) G-Operational Error (Explain) D-Regulatory Restriction B-Maintenance or Test H-Other (Explain) F-Administrative C-Refueling Reason: S: Scheduled F: Forced (111)

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

> 3-Automatic Scram. 4-other (Explain)

2-Manual Scram.

1-Manuai

Exhibit I -Same Source

JOSEPH M. FARLEY NUCLEAR PLANT UNIT 2 NARRATIVE SUMMARY OF OPERATIONS November, 1987

.

. . .

The Cycle 5 - 6 refueling outage continued into the month of November.

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

- 1. Eddy current examinations were completed on all non-plugged tubes in all three steam generators. The inspection covered the full length of tubes above row 2 and from the hot leg tube end to the cold leg of row 2 tubes. (All row 1 tubes are plugged.) No tubes were repaired, 109 tubes were plugged (2A 13, 2B 35, 2C 61), and 91 tubes were designated F*.
- 2. Shotpeening on the hot leg tube sheet of the steam generators was completed.
- 3. The containment integrated leak rate test was performed successfully.
- 4. Environmental qualification work was performed on the reactor head vents.
- 5. The program of inspecting electrical splices that were installed utilizing methods not evaluated by design for environmental qualification continued. These splices were re-terminated in accordance with approved design on a priority basis.
- 6. Testing of motor-operated valves in response to Inspection and Enforcement Bulletin 85-03 is in progress.
- 7. Miscellaneous corrective and preventive maintenance was performed on the diesel generators.

OPERATING DATA REPORT

DOCKET NO. 50-364

DATE 12/3/87

COMPLETED BY J. D. Woodard
TELEPHONE (205)899-5156

1. Unit Name: 2. Reporting Period: November, 1987 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): 7. Maximum Dependable Capacity (Net MWe): 8. If Changes Occur in Capacity Ratings (Items Give Reasons: N/A	864.9 824.1	7-30-81, commerci	ive data since , date of ial operation ast Report,
9. Power Level To Which Restricted, If Any (No. 10. Reasons For Restrictions, If Any: N/A			
11. Hours In Reporting Period 12. Number Of Hours Reactor Was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Generated (MWH) 17. Gross Electrical Energy Generated (MWH) 18. Net Electrical Energy Generated (MWH) 19. Unit Service Factor 20. Unit Availability Factor 21. Unit Capacity Factor (Using MDC Net) 22. Unit Capacity Factor (Using DER Net) 23. Unit Forced Outage Rate 24. Shutdowns Scheduled Over Next 6 Months (Tyn/A)	720 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8,016 6,241.9 0.0 6,224.8 0.0 15,784,698 5,127,114 4,853,584 77.7 77.7 77.7 73.5 73.0 5.7	55,561 52,598.1 138.0 47,075.6 0.0 119,102,688 39,136,384 37,102,696 84.7 84.7 81.9 80.6 4.6
25. If Shut Down At End Of Report Period, Est. 26. Units In Test Status (Prior to Commercial		Forecast	Achieved
INITIAL CRITICALITY INITIAL ELECTRICITY COMMERCIAL OPERATION		05/06/81 05/24/81 08/01/81	05/08/81 05/25/81 07/30/81

DOCKET NO. 50-364

UNIT 2

DATE December 3, 1987

COMPLETED BY J. D. Woodard

TELEPHONE (205)899-5156

MONTH	November		
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	Mineral States and American States and America
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.

UNIT NAME J. M. FARLEY - UN DATE DECEMBER 3, 1987 COMPLETED BY J. D. WOODARD	50-364 J. M. FARLEY - UNIT, 2 DECEMBER 3, 1987 J. D. WOODARD
	COUNTRY

REPORT MONTH NOVEMBER

NO.	DATE	24 24 24 44	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT #	SYSTEM	CCMPONENT CCOE 5	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
	8 21101	vi	720.0	U		K K	K K	J/K	The Cycle 5-6 refueling outage continued from 10-3-87.
Fr. Forced		2 Reason:				3 Method:			Exhibit G-Instructions

1F. Forced Reason: S: Scheduled 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)

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

> 3-Automatic Scram. 4-Other (Explain)

1-Manual 2-Manual Scram. Sexhibit I -Same Source

(777)

Alabama Power Company 600 North 18th Street Post O'fice Box 2641 Birmingham, Alabama 35291-0400 Telephone 205 250-1835

R. P. McDonaid Senior Vice President



December 9, 1987

Docket No. 50-364

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

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

Attached are two (2) copies of the November 1987 Monthly Operating Report for Joseph M. Farley Nuclear Plant Unit 2, required by Section 6.9.1.10 of the Technical Specifications.

If you have any questions, please advise.

VXM

Yours very truly,

R. P. McDonald

RPM/JGS:mab

Attachments

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

IE24