

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-285

UNIT Fort Calhoun

DATE October 10, 1979

COMPLETED BY B. J. Hickie

TELEPHONE 402-536-4413

MONTH September, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>428.2</u>
2	<u>427.9</u>
3	<u>428.2</u>
4	<u>427.0</u>
5	<u>426.7</u>
6	<u>427.3</u>
7	<u>428.5</u>
8	<u>428.7</u>
9	<u>431.1</u>
10	<u>431.8</u>
11	<u>430.6</u>
12	<u>431.3</u>
13	<u>434.3</u>
14	<u>435.4</u>
15	<u>435.7</u>
16	<u>435.7</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>436.1</u>
18	<u>435.2</u>
19	<u>435.6</u>
20	<u>435.7</u>
21	<u>435.4</u>
22	<u>436.8</u>
23	<u>436.9</u>
24	<u>437.6</u>
25	<u>435.7</u>
26	<u>434.7</u>
27	<u>434.9</u>
28	<u>433.8</u>
29	<u>434.1</u>
30	<u>433.2</u>
31	<u> </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.

1154 149
(9/77)

7 91 0160 415

OPERATING DATA REPORT

DOCKET NO. 50-285
 DATE October 10, 1979
 COMPLETED BY B. J. Hickie
 TELEPHONE 402-536-4413

OPERATING STATUS

1. Unit Name: Fort Calhoun Station Unit No. 1
2. Reporting Period: September, 1979
3. Licensed Thermal Power (MWt): 1420
4. Nameplate Rating (Gross MWe): 502
5. Design Electrical Rating (Net MWe): 457
6. Maximum Dependable Capacity (Gross MWe): 481
7. Maximum Dependable Capacity (Net MWe): 457

Notes

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720.0</u>	<u>6,551.0</u>	<u>52,728.0</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>6,506.5</u>	<u>42,471.5</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>1,136.0</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>6,466.5</u>	<u>41,532.6</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,013,878.5</u>	<u>8,936,526.3</u>	<u>50,584,949.6</u>
17. Gross Electrical Energy Generated (MWH)	<u>327,854.0</u>	<u>2,980,059.9</u>	<u>16,784,321.6</u>
18. Net Electrical Energy Generated (MWH)	<u>311,612.1</u>	<u>2,833,379.5</u>	<u>15,854,785.2</u>
19. Unit Service Factor	<u>100.0</u>	<u>98.7</u>	<u>78.8</u>
20. Unit Availability Factor	<u>100.0</u>	<u>98.7</u>	<u>78.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>94.7</u>	<u>94.6</u>	<u>66.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>94.7</u>	<u>94.6</u>	<u>65.8</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>1.3</u>	<u>4.4</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

January 1, 1980 - Refueling Outage - Two Month Duration

October 26, 1979 - Inspection of S.G. to Piping Welds - Approximately Ten Days

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

INITIAL ELECTRICITY

COMMERCIAL OPERATION

1154 150

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September, 1979

DOCKET NO. 50-285
 UNIT NAME Fort Calhoun
 DATE October 10, 1979
 COMPLETED BY B. J. Hickie
 TELEPHONE 402-536-4413

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
	NONE								

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)

(9/77)

5
Exhibit I - Same Source

1154 151

Refueling Information
Fort Calhoun - Unit No. 1

Report for the month ending September 30, 1979.

1. Scheduled date for next refueling shutdown. January 1, 1980
2. Scheduled date for restart following refueling. March 1, 1980
3. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes
 - a. If answer is yes, what, in general, will these be?

Stretching power to 1500 MWth is planned in conjunction with the change in fuel supplier to Exxon.

- b. If answer is no, has the reload fuel design and core configuration been reviewed by your Plant Safety Review Committee to determine whether any unreviewed safety questions are associated with the core reload.
 - c. If no such review has taken place, when is it scheduled?
4. Scheduled date(s) for submitting proposed licensing action and support information. Stretch Power Application - Site Related Information, July, 1979 - Submitted
5. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures. -Core Related Analysis and Tech. Spec. Changes, November, 1979

First use of Exxon fuel in Fort Calhoun.
Stretching power from 1420 MWth to 1500 MWth.

6. The number of fuel assemblies:

a) in the core	<u>133</u>	assemblies
b) in the spent fuel pool	<u>157</u>	"
c) spent fuel pool storage capacity	<u>483</u>	"
d) planned spent fuel pool storage capacity	<u>483</u>	"
7. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity. 1985

Prepared by

J K Hayer

Date

October 3, 1979

1154 152

OMAHA PUBLIC POWER DISTRICT
Fort Calhoun Station Unit No. 1

September 1979
Monthly Operations Report

I. OPERATIONS SUMMARY

Fort Calhoun operation continued at essentially 100% power for the month of September. No significant power reductions occurred during the month of September.

The change to complete six shift operation was completed during the month of September. This change will allow the entire shift to devote one week in six to training.

Preparations for a potential unit outage in late October continued.

The operations staff participated in the review of fire protection modifications, response to several NRC information requests and the implementation of Three Mile Island recommendations.

A Nuclear Regulatory Commission audit was conducted during September with no items of noncompliance identified in the operations area.

The employment of a fire watch team made up of part-time personnel is continuing with the training of initial fire watch team members to begin in early October.

Fort Calhoun operations is participating in radiation protection refresher courses during the month of September.

A. PERFORMANCE CHARACTERISTICS

<u>LER Number</u>	<u>Deficiency</u>
NONE	

B. CHANGES IN OPERATING METHODS

NONE

C. RESULTS OF SURVEILLANCE TESTS AND INSPECTIONS

Surveillance tests as required by the Technical Specifications Section 3.0 and Appendix B, were performed in accordance with the annual surveillance test schedule. The following is a summary of the surveillance tests which results in Operations Incidents and are not reported elsewhere in the report:

<u>Operations Incident</u>	<u>Deficiency</u>
OI-839	ST-ERM-1 - Lost milk samples

D. CHANGES, TESTS AND EXPERIMENTS CARRIED OUT WITHOUT COMMISSION APPROVAL

<u>Procedure</u>	<u>Description</u>
MR FC-78-52A	Site Completion Report for Halon System for Control Room Walk-in Cabinet/completed as designed.
SP-FAUD-1	Fuel Assembly Uplift Detection Test - all loops indicate sufficient assurance of required downward force on fuel assemblies.
SP-VA-80	Hydrogen Purge System Test - operability of the Hydrogen Purge System verified.
SP-RPS-5	Excure Detector Symmetric Offset Recalibration/ all results normal.
MR FC-79-13	Warehouse Sprinkler Addition/completed as designed.
M.O. 1661	EHC Jumper to eliminate trip on loss of 125 V.D.C./completed as designed.
M.O. 65	Ground PR's/completed as designed.

E. RESULTS OF LEAK RATE TESTS

NONE

F. CHANGES IN PLANT OPERATING STAFF

NONE

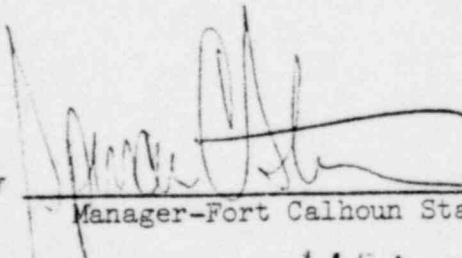
G. TRAINING

Training included operations training on radiation protection at Fort Calhoun Station, waste disposal, potable water and emergency procedures. Plant maintenance received training on waste disposal systems and packaging and solenoid valve training. Radiation protection classes were held for District personnel and contract personnel.

H. CHANGES, TESTS AND EXPERIMENTS REQUIRING NUCLEAR REGULATORY COMMISSION AUTHORIZATION PURSUANT TO 10CFR50.59.

NONE

Approved by


Manager-Fort Calhoun Station

1154 154

Monthly Operations Report
September 1979
Page Three

II. MAINTENANCE (Significant Safety Related)

M. O. #	Date	Description	Corrective Action
20622	9-11-79	FH-12 Adjust and inspect trolley/ bridge drive	
1612	9-13-79	CH-4A Bottle oiler on the pump is leaking	Replaced oil seals
2009	9-18-79	CH-1B Packing Leak	Replace packing
1998	9-17-79	RWH-86, RWH-97 has loose clevis	Tightened one clevis and shortened the other.
1999	9-17-79	RWH-100 missing 1/2" nut on clevis	Replaced nut