AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-285
UNIT Fort Calhoun Station
DATE October 12, 1982
COMPLETED BY R. W. Short
TELEPHONE (402) 536-4543

MONTH September, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	465.8	17	409.0
2	465.3	18	408.4
3	464.2	19	408.5
4	454.0	20	398.0
5	450.3	21	348.9
6	450.1	22	407.4
7	441.6	23	407.8
8	407.7	24	407.4
9	407.2	25	408.0
10	405.6	26	407.6
11	403.1	27	407.4
12	402.7	28	406.6
13	403.6	29	405.7
14	406.5	30	404.5
15	408.3	31	
16	408.4		

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.

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OPERATING DATA REPORT

DOCKET NO. 50-285
DATE October 12, 1982
COMPLETED BY R. W. Short
TELEPHONE (402) 536-4543

OPERATING STATUS

1. Unit Name: Fort Calhoun Station
2. Reporting Period: September, 1982
3. Licensed Thermal Power (MWt): 1500
4. Nameplate Rating (Gross MWe): 501
5. Design Electrical Rating (Net MWe): 478
6. Maximum Dependable Capacity (Gross MWe): 501
7. Maximum Dependable Capacity (Net MWe): 478
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

Notes

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: None

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720.0	6,551.0	79,032.0
12. Number Of Hours Reactor Was Critical	720.0	6,484.9	62,723.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,309.5
14. Hours Generator On-Line	720.0	6,475.8	61,565.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	945,045.5	9,428,643.3	76,130,473.4
17. Gross Electrical Energy Generated (MWH)	315,928.0	3,158,905.9	25,232,851.5
18. Net Electrical Energy Generated (MWH)	299,504.4	3,010,342.0	23,858,210.5
19. Unit Service Factor	100.0	98.9	77.9
20. Unit Availability Factor	100.0	98.9	77.9
21. Unit Capacity Factor (Using MDC Net)	87.0	96.1	65.6
22. Unit Capacity Factor (Using DER Net)	87.0	96.1	65.3
23. Unit Forced Outage Rate	0.0	1.1	3.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
1983 refueling outage scheduled to commence January 3, 1983 for three months.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation): None

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September, 1982

DOCKET NO. 50-285
UNIT NAME Fort Calhoun Station
DATE October 12, 1982
COMPLETED BY R. W. Short
TELEPHONE (402) 536-4543

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
									There were no unit shutdowns during the month of September, 1982.

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

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Refueling Information
Fort Calhoun - Unit No. 1

Report for the month ending September 1982.

1. Scheduled date for next refueling shutdown. January 3, 1983

2. Scheduled date for restart following refueling. April 1, 1983

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?

   A Technical Specification Change

   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. November 1, 1982

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.

6. The number of fuel assemblies:
   a) in the core 133 assemblies
   b) in the spent fuel pool 237 "
   c) spent fuel pool storage capacity 483 "
   d) planned spent fuel pool storage capacity 728 "

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 Gasper Date October 1, 1982

OMAHA PUBLIC POWER DISTRICT
Fort Calhoun Station Unit No. 1

September, 1982
Monthly Operations Report

I. OPERATIONS SUMMARY

Fort Calhoun Station began a power reduction September 3, 1982 from a nominal 100% power and stabilized at 85% power on September 8 for fuel conservation in order to meet the January 3, 1982 refueling schedule. On September 20, 1982, the plant reduced power to 50% for several hours when a condensate pump was lost and the backup pump developed seal leakage. After repairs were made, the 85% power level was resumed on September 21, 1982.

The annual Emergency Drill was held September 15, 1982 exercising full implementation of the Emergency Procedures.

Annual licensed operator requalification training at Combustion Engineering simulator in Windsor, Connecticut continued throughout the month.

Arrival of uranium hexaflouride (UF_6) began on September 23 and will continue through October 7, 1982.

The spent fuel shipping cask with spent fuel pins was shipped offsite October 1, 1982. These fuel pins are for DOE analysis of high burnup fuel.

New fuel receipt, inspection and storing for Cycle 8 has been completed for 36 bundles. Four more new fuel bundles are to be delivered in November.

No safety valve or PORV challenges occurred.

A. PERFORMANCE CHARACTERISTICS

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 resulted in Operation Incidents and are not reported elsewhere in the report:

C. (Continued)

Operations Incident		Deficiency
OI-1581	ST-RPS-1, F.3	Power Range Safety Channels Test. Channel "A" Reset Demand Alarm did not annunciate within the desired setpoint tolerance.
OI-1589	ST-ESF-5, F.1	Automatic Load Sequencer Check Sequencer Timer for HPSI Pump did not time out within the desired tolerance.

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

Procedure	Description
SP-FAUD-1	Fuel Assembly Uplift Condition Detection. This procedure did not constitute an unreviewed safety question as defined by 10CFR50.59 since it only involved evaluating data from a surveillance test.

E. RESULTS OF LEAK RATE TESTS

NONE

F. CHANGES IN PLANT OPERATING STAFF

NONE

G. TRAINING

Operations training consisted of annual simulator requalification for NRC licensed personnel and hot licensed training for NRC licensed candidates.

Emergency plan training was conducted for all personnel at the Fort Calhoun Station.

Annual Emergency Drill was conducted to exercise the plant, state, and local Emergency Response Plans.

G. TRAINING (Continued)

System training was conducted for non licensed operators and maintenance.

Three individuals received SRO upgrade examinations by the NRC.

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

NONE

II. MAINTENANCE (Significant Safety Related)

M. O. #	Date	Description	Corrective Action
16199	8-21-82	FH-12, Spent Fuel Handling Bridge will not motor to position.	Repaired per Maintenance Order Procedure.
16365	8-25-82	HCV-218-3, Safety Injection to Charging pump motor box is leaking oil.	Tightened release arm screws.
16018	8-26-82	FP-1B, diesel fire pump cooling line for heat exchanger appears to be plugged.	Cleaned strainer.
16324	8-20-82	PCV-1849, has air leak.	Tightened body to bonnet bolts.
16319	8-18-82	AC-12A, Raw Water Strainer will not run.	Replaced fuse.
16594	2-13-82	AI-31A, RPS VOPT Calculator- alarm does not annuciate within surveillance Test tolerances.	Replaced alarm module.
15294	6-22-82	HCV-507A, Containment Isolation Vent Header Valves would not close during the performance of Surveillance Test ST-ISI-WD-1.	Replaced solenoid.
16503	8-30-82	Ground on HCV-820B & 821B.	Temporarily capped lines in containment.

W. G. Gates
Plant Manager