AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-285
UNIT Fort Calhoun #1
DATE March 10, 1980
COMPLETED BY B. J. Hickle
TELEPHONE 402-536-4413

MONTH February, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0.0	17	0.0
2	0.0	18	0.0
3	0.0	19	0.0
4	0.0	20	0.0
5	0.0	21	0.0
6	0.0	22	0.0
7	0.0	23	0.0
8	0.0	24	0.0
9	0.0	25	0.0
10	0.0	26	0.0
11	0.0	27	0.0
12	0.0	28	0.0
13	0.0	29	0.0
14	0.0	30	
15	0.0	31	
16	0.0		

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.

(9/77)

OPERATING DATA REPORT

DOCKET NO. 50-285
DATE March 10, 1980
COMPLETED BY B. J. Hickle
TELEPHONE 402-536-4413

OPERATING STATUS

1. Unit Name: Fort Calhoun Station Unit No. 1
2. Reporting Period: February, 1980
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	696.0	1,440.0	56,377.0
12. Number Of Hours Reactor Was Critical	0.0	432.9	44,834.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,309.5
14. Hours Generator On-Line	0.0	430.5	43,881.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0.0	574,730.9	53,809,760.2
17. Gross Electrical Energy Generated (MWH)	0.0	190,604.0	17,850,833.6
18. Net Electrical Energy Generated (MWH)	0.0	180,935.1	16,868,454.1
19. Unit Service Factor	0.0	29.9	77.8
20. Unit Availability Factor	0.0	29.9	77.8
21. Unit Capacity Factor (Using MDC Net)	0.0	27.5	66.0
22. Unit Capacity Factor (Using DER Net)	0.0	27.5	65.5
23. Unit Forced Outage Rate	0.0	0.0	4.5

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
None

25. If Shut Down At End Of Report Period, Estimated Date of Startup: March 15, 1980
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1980

DOCKET NO. 50-285
UNIT NAME Fort Calhoun #1
DATE March 10, 1980
COMPLETED BY B. J. Hickle
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
80-01	800118	S	1009.5	C	1	N/A			Reactor shutdown for annual refueling and maintenance outage.

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 Febr. 29, 1980.

1. Scheduled date for next refueling shutdown. — March 15, 1981

2. Scheduled date for restart following refueling. — May 15, 1981

3. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? — No

   a. If answer is yes, what, in general, will these be?

   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. — No

   c. If no such review has taken place, when is it scheduled? — Febr. 1, 1981

4. Scheduled date(s) for submitting proposed licensing action and support information.

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	197	"
c) spent fuel pool storage capacity	483	"
d) planned spent fuel pool storage capacity	483	"

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 March 3, 1980

OMAHA PUBLIC POWER DISTRICT
Fort Calhoun Station Unit No. 1

February 1980
Monthly Operations Report

I. OPERATIONS SUMMARY

Fort Calhoun remained in a refueling operation condition for the month of February. The fuel shuffle was completed during February and no abnormalities were discovered.

Surveillance testing continued during the month including several major refueling tests such as the Emergency Safeguards With Loss of Offsite Power test.

Several open maintenance requirements were completed during a combined raw water/component cooling water/instrument air outage.

Operations support of refueling activities continued as normal.

A. PERFORMANCE CHARACTERISTICS

LER Number	Deficiency
LER-020, Rev. 2	During continuing inspections of accessible piping being performed in accordance with IE Bulletin 79-02, two additional snubbers on the safety injection system piping were found to be inoperable because of improper installation of the anchor bolts. No significant occurrence took place. The probable consequences would have been the inability of the snubbers to perform their design functions during a seismic event.
LER-001	On January 2, 1980, while operating at approximately 98% power, the breaker feeding the containment cooling fan motor (VA-3B) tripped. This trip was believed to have occurred due to faulty trip units in the breaker feeding VA-3B. As a result of VA-3B being tagged "out", redundant containment cooling units were tested for operability in accordance with Technical Specification 2.4(2). Subsequently, HCV-403B, which upon opening allows component cooling water to flow through the cooling coil for the containment cooling unit, VA-7D would not open from the control room switch.
LER-002	During power operations at approximately 90% and while performing surveillance test ST-SI/CS-1, the containment sump safety injection recirculation valve HCV-383-4 failed to close from the control room switch. At the time of the failure,

A. PERFORMANCE CHARACTERISTICS (Continued)

LER Number	Deficiency
	the redundant safety injection recirculation valve HCV-383-3 was found to be operable. M.O. #3669 was written to investigate the problem.
LER-003	While attempting to load the diesel generator, DG-2, during the performance of a special 24-hour diesel generator test required in response to IE Bulletin 79-23, the generator field went to maximum excitation; therefore, the diesel was shutdown to prevent generator damage. The failure was a result of a reference Zener diode drift in the A-C regulator panel. The diode was replaced and the diesel generator testing was resumed. Subsequently 10 hours later into the "resumed" test, a radiator tube leak was discovered. This leak was repaired per maintenance order and the 24-hour diesel test was restarted and satisfactorily completed without further incident.
LER-004	A fire barrier inside a empty breaker cubicle was degraded to pull in new cabling. A fire watch was established and a maintenance order issued to temporarily fill the fire barrier. The fire watch was not maintained in a continuous manner as required by Technical Specification 2.19.

B. CHANGES IN OPERATING METHODS

None

C. RESULTS OF SURVEILLANCE TESTS AND INSPECTIONS

None

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

Procedure	Description
SP-VA-80	Hydrogen Purge System Test: Hydrogen Purge System fans, valves, and filters operated satisfactorily.
SP-CHEM-3	Containment Atmosphere Sampling During Containment Pressure Test ST-CONT-7. Samples taken and analysis completed.

E. RESULTS OF LEAK RATE TESTS

Leak rate testing during the Refueling Outage continued for the month of February. After the completion of all leak tests, a detailed report will be written.

F. CHANGES IN PLANT OPERATING STAFF

None

G. TRAINING

Training in February consisted of radiation protection for OPPD and contractors personnel, requalification exams for NRC licensed personnel and training for operators on the Cycle VI changes in the plant.

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

None

Approved By _____
Manager-Fort Calhoun Station

II. MAINTENANCE (Significant Safety Related)

M. O. #	Date	Description	Corrective Action
		None	