OPERATING DATA REPORT

DOCKET NO: 50-368
DATE: January, 1990
COMPLETED BY: M. S. Whitt
TELEPHONE: (501) 964-3743

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: January 1-31, 1990
3. Licensed Thermal Power (MWt): 2,815
4. Nameplate Rating (Gross MWe): 942.57
5. Design Electrical Rating (Net MWe): 912
6. Maximum Dependable Capacity (Gross MWe): 897
7. Maximum Dependable Capacity (Net MWe): 858
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
9. Power Level To Which Restricted. If Any (Net MWe): None
10. Reasons For Restrictions. If Any: None

		MONTH	YR-TO-DATE	CUMULATVE
11.	Hours in Reporting Period	744.0	744.0	86,376.0
12.	Number of Hours Reactor was Critical	602.7	602.7	62,966.9
13.	Reactor Reserve Shutdown Hours	0.0	0.0	1,430.1
14.	Hours Generator On-Line	599.6	599.6	61,380.3
15.	Unit Reserve Shutdown Hours ..	0.0	0.0	75.0
16.	Gross Thermal Energy Generated (MWH)	1,493,744.0	1,493,744.0	159,702,274.0
17.	Gross Electrical Energy Generated (MWH)	493,205.0	493,205.0	52,450,681.0
18.	Net Electrical Energy Generated (MWH)	467,639.0	467,639.0	49,844,609.0
19.	Unit Service Factor	80.6	80.6	71.1
20.	Unit Availability Factor	80.6	60.6	71.1
21.	Unit Capacity Factor (Using MDC Net)	73.3	73.3	67.3
22.	Unit Capacity Factor (Using DER Net)	68.9	68.9	63.3
23.	Unit Forced Outage Rate	19.4	19.4	13.8

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:
26. Units in Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-368
UNIT: Two
DATE: January, 1990
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TELEPHONE: (501) 964-3743

MONTH January, 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-24
2	-10
3	-10
4	-10
5	-15
6	-26
7	129
8	213
9	340
10	714
11	803
12	812
13	810
14	810
15	807
16	809
17	868
18	887
19	890
20	889
21	891
22	891
23	889
24	891
25	892
26	891
27	890
28	892
29	892
30	891
31	890

AVGS: 629

INSTRUCTION

On this format, list the average daily unit power level in MWe-Net for each day in reporting month. Compute to the nearest whole megawatt.

NRC MONTHLY OPERATING REPORT

OPERATING SUMMARY

JANUARY 1990

UNIT TWO

The unit began the month off line for the repair of a loose connection in a feedwater control cabinet.

On the seventh, at 0021 hours, the unit was placed on line; and power was increased with some hold points for normal unit startup. On the tenth, at 1015 hours, the power escalation was stopped at 90% due to a condenser tube leak. Following the repair of the condenser tube leak, the unit remained at 90% power due to radwaste fan and feedwater control problems. After resolving the radwaste and feedwater problems, the unit attained 100% full power on the seventeenth at 0716 hours.

The unit remained at 100% power through the end of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR JANUARY, 1990

DOCKET NO.	50-368
UNIT NAME	ANO Unit 2
DATE	January, 1990
COMPLETED BY	M. S Whitt
TELEPHONE	501-964-3743

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
89-08	900101	F	144.4	A	4	2-89-024	SJ	FCO	Unit began the month off line due to a loose connection in a feedwater control cabinet causing the unit to trip on high level in the "B" Steam Generator.

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-Continuation
5-Load Reduction
9-Other

4
Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-1022)

5
Exhibit I - Same Source

DATE: January, 1990

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2

2. Scheduled date for next refueling shutdown. February 1991
(Beginning of Cycle 8 criticality was 11/18/89)

3. Scheduled date for restart following refueling. April, 1991

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? If answer is yes, what, in general, will there be? 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 (Ref. 10 CFR Section 50.59)?

   None Expected. Reload fuel design is in progress.

5. Scheduled date(s) for submitting proposed licensing action and supporting information. None Required

6. 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.

   To obtain the presently planned cycle 8 length of 420 EFPD, it will be necessary to raise the current peak rod burnup limits. A report justifying an increase was submitted in July, 1989.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 421

8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies.

   present 988 increase size by 0

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity.

   DATE: 1996 (Loss of fullcore offload capability)