



Arkansas Power & Light Company
Arkansas Nuclear One
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November 15, 1989

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U. S. Nuclear Regulatory Commission
Document Control Desk
Mail Stop P1-137
Washington, D.C. 20555

SUBJECT: Arkansas Nuclear One - Unit 2
Docket No. 50-368
License No. NPF-6
Monthly Operating Report

Gentlemen:

The Arkansas Nuclear One - Unit 2 Monthly Operating Report for October, 1989 is attached.

Very truly yours,

James J. Fisicaro
J. J. Fisicaro
Manager, Licensing

JJF:MCS:lg
Attachment
cc:

Mr. Robert D. Martin
Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, TX 76011

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OPERATING DATA REPORT

DOCKET NO: 50-368
 DATE: October, 1989
 COMPLETED BY: M. S. Whitt
 TELEPHONE: (501) 964-3743

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: October 1-31, 1989
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

	<u>MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. Hours in Reporting Period	745.0	7,296.0	84,168.0
12. Number of Hours Reactor was Critical	0.0	5,553.0	61,307.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,430.1
14. Hours Generator On-Line	0.0	5,542.1	59,805.0
15. Unit Reserve Shutdown Hours ..	0.0	0.0	75.0
16. Gross Thermal Energy Generated (MWH)	0.0	15,032,922.0	155,677,207.0
17. Gross Electrical Energy Generated (MWH)	0.0	4,921,190.0	51,131,096.0
18. Net Electrical Energy Generated (MWH)	-1,853.0	4,685,775.0	48,592,383.0
19. Unit Service Factor	0.0	76.0	71.1
20. Unit Availability Factor	0.0	76.0	71.1
21. Unit Capacity Factor (Using MDC Net)	-0.3	74.9	67.3
22. Unit Capacity Factor (Using DER Net)	-0.3	70.4	63.3
23. Unit Forced Outage Rate	0.0	13.5	14.0
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: November 22, 1989
26. Units in Test Status (Prior to Commercial Operation): _____

	<u>Forecast</u>	<u>Achieved</u>
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-368
UNIT: Two
DATE: October, 1989
COMPLETED BY: M. S. Whitt
TELEPHONE: (501) 964-3743

MONTH October, 1989

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	-3
2	-3
3	-3
4	-3
5	-3
6	-3
7	-3
8	-3
9	-2
10	-2
11	-3
12	-3
13	-3
14	-3
15	-3
16	-3
17	-2
18	-2
19	-2
20	-3
21	-2
22	0
23	-2
24	-3
25	-3
26	-2
27	-2
28	-3
29	-2
30	-2
31	-3

AVGS: -3

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

OCTOBER 1989

UNIT TWO

Unit Two was off line the entire month of October for a refueling and maintenance outage.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT FOR OCTOBER, 1989

DOCKET NO.	<u>50-368</u>
UNIT NAME	<u>ANO Unit 2</u>
DATE	<u>October, 1989</u>
COMPLETED BY	<u>M. S. Whitt</u>
TELEPHONE	<u>501-964-3743</u>

<u>No.</u>	<u>Date</u>	<u>Type¹</u>	<u>Duration (Hours)</u>	<u>Reason²</u>	<u>Method of Shutting Down Reactor³</u>	<u>Licensee Event Report #</u>	<u>System Code⁴</u>	<u>Component Code⁵</u>	<u>Cause & Corrective Action to Prevent Recurrence</u>
89-06	10/01/89	S	745	C	1	N/A	ZZ	ZZZZZZ	Unit off line for Refueling/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-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: October, 1989

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. February 1991
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)?
No. Review by the Plant Safety Committee has been completed.
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 planned cycle 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)