

October 15, 1996

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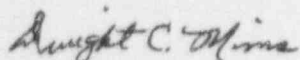
U. S. Nuclear Regulatory Commission
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Subject: Arkansas Nuclear One - Unit 2
Docket No. 50-368
License No. NPF-6
Monthly Operating Report

Gentlemen:

The Arkansas Nuclear One - Unit 2 Monthly Operating Report for September 1996 is attached. This report is submitted in accordance with ANO-2 Technical Specification 6.9.1.6.

Very truly yours,



Dwight C. Mims
Director, Nuclear Safety

DCM/ead
attachment

IE24/1

cc: Mr. Leonard J. Callan
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Region IV
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OPERATING DATA REPORT

DOCKET NO: 50-368
 DATE: October 15, 1996
 COMPLETED BY: M. S. Whitt
 TELEPHONE: (501) 858-5560

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: September 1-30
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: N/A
9. Power Level To Which Restricted. If Any (Net MWe): 890
10. Reasons For Restrictions. If Any: Self imposed power restriction to ~ 97.9% power based on T-hot limitations in combination with current steam generator plugging and fouling levels.

	<u>MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. Hours in Reporting Period	720.0	6,575.0	144,791.0
12. Number of Hours Reactor was Critical	720.0	6,575.0	114,045.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	6,575.0	111,853.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,983,825	18,115,482	298,377,967
17. Gross Electrical Energy Generated (MWH)	664,062	6,070,758	98,420,361
18. Net Electrical Energy Generated (MWH)	634,456	5,800,811	93,681,477
19. Unit Service Factor	100.0	100.0	77.3
20. Unit Availability Factor	100.0	100.0	77.3
21. Unit Capacity Factor (Using MDC Net)	102.7	102.8	75.4
22. Unit Capacity Factor (Using DER Net)	96.6	96.7	70.9
23. Unit Forced Outage Rate	0.0	0.0	9.7
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A			
25. If Shut Down At End of Report Period. Estimated Date of Startup: <u>N/A</u>			
26. Units in Test Status (Prior to Commercial Operation): None			

	<u>Forecast</u>	<u>Achieved</u>
INITIAL CRITICALITY		12/05/78
INITIAL ELECTRICITY		12/26/78
COMMERCIAL OPERATION		03/26/80

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-368
UNIT: Two
DATE: October 15, 1996
COMPLETED BY: M. S. Whitt
TELEPHONE: (501) 858-5560

MONTH September 1996

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	880
2	879
3	879
4	877
5	876
6	876
7	876
8	876
9	879
10	879
11	878
12	878
13	884
14	884
15	882
16	883
17	883
18	884
19	884
20	882
21	883
22	883
23	881
24	882
25	883
26	881
27	887
28	886
29	886
30	886

AVGS: 881

INSTRUCTION

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

**UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR SEPTEMBER 1996**

DOCKET NO.	50-368
UNIT NAME	ANO Unit 2
DATE	October 15, 1996
COMPLETED BY	M. S. Whitt
TELEPHONE	501-858-5560

<u>NO.</u>	<u>DATE</u>	<u>TYPE</u> ¹	<u>DURATION</u> <u>(HOURS)</u>	<u>REASON</u> ²	<u>METHOD OF</u> <u>SHUTTING DOWN</u> <u>REACTOR</u> ³	<u>LICENSEE</u> <u>EVENT</u> <u>REPORT #</u>	<u>SYSTEM</u> <u>CODE</u> ⁴	<u>COMPONENT</u> <u>CODE</u> ⁵	<u>CAUSE & CORRECTIVE ACTION TO</u> <u>PREVENT RECURRENCE</u>
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none

¹
F: Forced
S: Scheduled

²
Reason:
A - Equipment Failure (Explain)
B - Maintenance of Test
C - Refueling
D - Regulatory Restriction
E - Operator Training & License Examination
F - Administration
G - Operational Error
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-0161)

⁵
Exhibit I - Same Source

NRC MONTHLY OPERATING REPORT
OPERATING SUMMARY
SEPTEMBER 1996
UNIT TWO

The unit operated the entire month of September at 97.9% power.

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown: April 11, 1997
3. Scheduled date for restart following refueling: May 11, 1997
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. 10CFR Section 50.59)?

Yes, increase fuel enrichment limit from 4.1 weight percent to 5.0 weight percent, revise reactor coolant system (RCS) flow limit, revise RCS volume in the design features section and add methodology references to the Core Operating Limits Report methodology list.

5. Scheduled date(s) for submitting proposed licensing action and supporting information:

Fuel enrichment and RCS volume changes submitted August 1996; RCS flow and methodology references to be submitted in November 1996.

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.

Fuel enrichment change discussed under question 4.

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

a) 177 b) 721

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: 1997 (Loss of full core off-load capability)