

May 15, 1996

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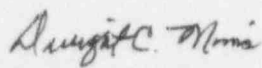
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Washington, DC 20555

Subject: Arkansas Nuclear One - Unit 1  
Docket No. 50-313  
License No. DPR-51  
Monthly Operating Report

Gentlemen:

The Arkansas Nuclear One - Unit 1 Monthly Operating Report for April 1996 is attached.  
This report is submitted in accordance with ANO-1 Technical Specification 6.12.2.3.

Very truly yours,

  
Dwight C. Mims  
Director, Nuclear Safety

DCM/eas  
attachment

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U. S. NRC

May 15, 1996

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cc: Mr. Leonard J. Callan  
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# OPERATING DATA REPORT

DOCKET NO: 50-313  
 DATE: May 15, 1996  
 COMPLETED BY: M. S. Whitt  
 TELEPHONE: (501) 858-5560

## OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: April 1-30
3. Licensed Thermal Power (MWt): 2,568
4. Nameplate Rating (Gross MWe): 903
5. Design Electrical Rating (Net MWe): 850
6. Maximum Dependable Capacity (Gross MWe): 883
7. Maximum Dependable Capacity (Net MWe): 836
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): None
10. Reasons For Restrictions. If Any: N/A

	MONTH	YR-TO-DATE	CUMULATIVE
11. Hours in Reporting Period .....	719.0	2,903.0	187,290.0
12. Number of Hours Reactor was Critical .....	719.0	2,903.0	139,735.0
13. Reactor Reserve Shutdown Hours .....	0.0	0.0	5,044.0
14. Hours Generator On-Line .....	719.0	2,903.0	137,384.9
15. Unit Reserve Shutdown Hours ....	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH) .....	1,842,687	7,276,768	319,750,684
17. Gross Electrical Energy Generated (MWH) .....	642,427	2,532,808	107,102,854
18. Net Electrical Energy Generated (MWH) .....	616,212	2,427,741	101,925,954
19. Unit Service Factor .....	100.0	100.0	73.4
20. Unit Availability Factor .....	100.0	100.0	73.8
21. Unit Capacity Factor (Using MDC Net) .....	102.5	100.0	65.1
22. Unit Capacity Factor (Using DER Net) .....	100.8	98.4	64.0
23. Unit Forced Outage Rate .....	0.0	0.0	10.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling outage 1R13, scheduled to commence September 20, 1996 with an approximate duration of 39 days.			
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): <u>None</u>			

INITIAL CRITICALITY	Forecast	Achieved
INITIAL ELECTRICITY		08/06/74
COMMERCIAL OPERATION		08/17/74
		12/19/74

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-313  
UNIT: One  
DATE: May 15, 1996  
COMPLETED BY: M. S. Whitt  
TELEPHONE: (501) 858-5560

MONTH April 1996

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	860
2	860
3	859
4	859
5	860
6	859
7	859
8	859
9	858
10	858
11	859
12	858
13	857
14	855
15	858
16	859
17	857
18	857
19	856
20	854
21	854
22	853
23	854
24	855
25	855
26	857
27	856
28	855
29	856
30	856

AVGS: 857

## 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 APRIL 1996**

<b>DOCKET NO.</b>	<u>50-313</u>
<b>UNIT NAME</b>	<u>ANO Unit 1</u>
<b>DATE</b>	<u>May 15, 1996</u>
<b>COMPLETED BY</b>	<u>M. S. Whitt</u>
<b>TELEPHONE</b>	<u>501-858-5560</u>

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

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
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)

<sup>3</sup>  
Method:  
1 - Manual  
2 - Manual Scram.  
3 - Automatic Scram.  
4 - Continuation  
5 - Load Reduction  
9 - Other

<sup>4</sup>  
Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
Exhibit I - Same Source

**NRC MONTHLY OPERATING REPORT**  
**OPERATING SUMMARY**

**APRIL 1996**

**UNIT ONE**

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The unit operated the entire month of April at 100% power.

### REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown: September 20, 1996
3. Scheduled date for restart following refueling: November 4, 1996
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, relocate the reactor coolant system (RCS) pressure-temperature protective limits and the variable low RCS pressure trip to the Core Operating Limits Report.

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

April 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.

None planned

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

a) 177                      b) 745

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 968                      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 full core off-load capability)