



ENTERGY

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September 16, 1996

1CAN099602

U. S. Nuclear Regulatory Commission
Document Control Desk
Mail Station P1-137
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 August 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

September 16, 1996

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cc: Mr. Leonard J. Callan
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U. S. Nuclear Regulatory Commission
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OPERATING DATA REPORT

DOCKET NO: 50-313
 DATE: September 16, 1996
 COMPLETED BY: M. S. Whitt
 TELEPHONE: (501) 858-5560

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: Aug. 1-31
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

	<u>MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. Hours in Reporting Period	744.0	5,855.0	190,242.0
12. Number of Hours Reactor was Critical	744.0	5,733.5	142,565.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	744.0	5,713.1	140,195.0
15. Unit Reserve Shutdown Hours	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	1,906,574	14,256,298	326,730,214
17. Gross Electrical Energy Generated (MWH)	650,206	4,914,771	109,484,816
18. Net Electrical Energy Generated (MWH)	622,459	4,700,466	104,198,679
19. Unit Service Factor	100.0	97.6	73.7
20. Unit Availability Factor	100.0	97.6	74.1
21. Unit Capacity Factor (Using MDC Net)	100.1	96.0	65.5
22. Unit Capacity Factor (Using DER Net)	98.4	94.4	64.4
23. Unit Forced Outage Rate	0.0	2.4	9.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling outage 1R13 scheduled to commence September 17, 1996, with an approximate duration of 30 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: September 16, 1996
COMPLETED BY: M. S. Whitt
TELEPHONE: (501) 858-5560

MONTH August 1996

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	836
2	834
3	834
4	837
5	835
6	836
7	832
8	835
9	834
10	835
11	838
12	838
13	837
14	837
15	837
16	837
17	837
18	840
19	840
20	835
21	835
22	836
23	838
24	838
25	837
26	837
27	838
28	838
29	838
30	840
31	840

AVGS: 837

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 AUGUST 1996**

DOCKET NO.	50-313
UNIT NAME	ANO Unit 1
DATE	September 16, 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>
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

AUGUST 1996

UNIT ONE

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

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown: September 17, 1996
3. Scheduled date for restart following refueling: October 17, 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:

Submitted in 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)