



# Entergy Operations

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December 16, 1991

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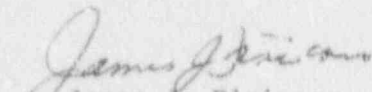
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SUBJECT: Arkansas Nuclear One - Unit 2  
Docket No. 50-368  
License No. NPF-6  
Monthly Operating Report

Gentlemen:

The Arkansas Nuclear One - Unit 2 Monthly Operating Report (MOR) for November, 1991 is attached. This report is submitted in accordance with ANO-2 Technical Specification 6.9.1.6.

Very truly yours,

  
James J. Fisicaro  
Director, Licensing

JJF/SAB/sjf  
Attachment

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# OPERATING DATA REPORT

DOCKET NO: 50-368  
 DATE: November 1991  
 COMPLETED BY: M. S. Whitt  
 TELEPHONE: (501) 964-5560

## OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: November 1-30, 1991
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	CUMULATIVE
11. Hours in Reporting Period ....	720.0	8,016.0	102,408.0
12. Number of Hours Reactor was Critical .....	720.0	6,597.1	77,207.8
13. Reactor Reserve Shutdown Hours .....	0.0	0.0	1,430.1
14. Hours Generator On-Line .....	720.0	6,444.8	75,438.6
15. Unit Reserve Shutdown Hours ..	0.0	0.0	75.0
16. Gross Thermal Energy Generated (MWH) .....	1,973,641.0	17,368,316.0	198,187,157.0
17. Gross Electrical Energy Generated (MWH) .....	655,500.0	5,734,600.0	65,163,846.0
18. Net Electrical Energy Generated (MWH) .....	626,330.0	5,462,392.0	61,968,930.0
19. Unit Service Factor .....	100.0	80.4	73.7
20. Unit Availability Factor .....	100.0	80.4	73.7
21. Unit Capacity Factor (Using MDC Net) .....	101.4	79.4	70.5
22. Unit Capacity Factor (Using DEC Net) .....	95.4	74.7	66.4
23. Unit Forced Outage Rate .....	0.0	2.9	11.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): None			

25. If Shut Down At End of Report Period. Estimated Data of Startup:
26. Units in Test Status (Prior to Commercial Operation):

	Forecast	Achieved
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: November, 1991  
 COMPLETED BY: M. S. Whitt  
 TELEPHONE: (501) 964-5560

MONTH November 1991

DAY AVERAGE DAILY POWER LEVEL  
 (MWe-Net)

1	846
2	891
3	893
4	894
5	893
6	893
7	894
8	896
9	896
10	896
11	896
12	893
13	893
14	891
15	887
16	887
17	888
18	885
19	885
20	890
21	890
22	891
23	893
24	893
25	893
26	892
27	862
28	697
29	694
30	704

AVGS: 870

## 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.

NKC MONTHLY OPERATING REPORT

OPERATING SUMMARY

NOVEMBER 1991

UNIT TWO

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The unit began the month operating at 100% full power.

At 0938 hours on the first, a power reduction was commenced due to a feedpump turbine trip. The trip was the result of a power supply failure for the transmitter monitoring low feedpump suction pressure. After the power supply was replaced, the unit was returned to 100% power at 1827 hours on the first.

On the twenty-seventh, at 1800 hours, a power reduction was requested by the system dispatcher. The unit remained derated at the request of the system dispatcher through the end of the month.

# UNIT SHUTDOWNS AND POWER REDUCTIONS REPORT FOR NOVEMBER 1991

DOCKET NO. 50-368  
UNIT NAME ANO Unit Two  
DATE December 6, 1991  
COMPLETED BY M. S. Whitt  
TELEPHONE (501) 964-5560

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
91-12	911101	F	N/A	A	5	N/A	SJ	KJX	The unit reduced power due to a main feedwater pump turbine trip. The trip resulted from a power supply failure for the transmitter monitoring low feed pump suction pressure.
91-13	911127	S	N/A	H	N/A	N/A	N/A	N/A	Power reduction per system dispatcher.

<sup>1</sup>	<sup>2</sup>	<sup>3</sup>	<sup>4</sup>
F: Forced S: Scheduled	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)	Method: 1-Manual 2-Manual Scram. 3-Automatic Scram. 4-Continuation 5-Load Reduction 9-Other	Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-1022)
			<sup>5</sup> Exhibit I - Same Source

DATE: November, 1991

### REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. Shutdown from cycle 9 is targeted for August 15, 1992.
3. Scheduled date for restart following refueling. October 6, 1992
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)?

Unknown. The Cycle 10 Reload is currently being planned.

5. Scheduled date(s) for submitting proposed licensing action and supporting information. April 6, 1992
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

7. The number of fuel assemblies (a) <sup>7</sup>in the core and (b) in the spent fuel storage pool. a) 177 b) 485
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)