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December 15, 1994

1CAN129402

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 (MOR) for November 1994 is attached. This report is submitted in accordance with ANO-1 Technical Specification 6.12.2.3.

Very truly yours,

Durght C. Mini

Dwight C. Mims Director, Licensing

DCM/jrh Attachment

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 cc: Mr. Leonard J. Callan Regional Administrator
U. S. Nuclear Regulatory Commission Region IV
611 Ryan Plaza Drive, Suite 400 Arlington, TX 76011-8064

> NRC Senior Resident Inspector Arkansas Nuclear One 1448 S. R. 333 Russellville, AR 72801

Mr. George Kalman NRR Project Manager, Region IV/ANO-1 & 2 U. S. Nuclear Regulatory Commission NRR Mail Stop 13-H-3 One White Flint North 11555 Rockville Pike Rockville, Maryland 20852

#### OPERATING DATA REPORT

DOCKET NO:	50-313		
DATE:	December 1, 1994		
COMPLETED BY:	K. R. Hayes		
TELEPHONE	(501) 858-5535		

### **OPERATING STATUS**

1.	Unit Name: Arkansas Nuclear One - Unit 1
2.	Reporting Period: November 1-30, 1994
3.	Licensed Thermal Power (MWt): 2,568
4.	Nameplate Rating (Gross MWe): 902.74
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:
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	174,883.0
12.	Number of Hours Reactor was			
	Critical	720.0	7,913.8	128,512.2
13.	Reactor Reserve Shutdown			
	Hours	0.0	0.0	5,044.0
14.	Hours Generator On-Line	720.0	7,900.4	126,244.0
15.	Unit Reserve Shutdown Hours	0.0	0.0	817.5
16.	Gross Thermal Energy Generated			
	(MWH)	1,847,776.0	20,212,118.6	292,262,680.7
17.	Gross Electrical Energy			
	Generated (MWH)	631,735.0	6,872,105.0	97,665,140.0
18.	Net Electrical Energy			
	Generated (MWH)	605,683.0	6,578,445.0	92,905,581.0
19.	Unit Service Factor	100.0	98.6	72.2
20	Unit Availability Factor	100.0	98.6	72.7
21.	Unit Capacity Factor			
	(Using MDC Net)	100.6	98.2	63.5
22.	Unit Capacity Factor			
	(Using DEC Net)	99.C	96.5	62.5
23.	Unit Forced Outage Rate	0.0	1.4	10.7
24.	Shutdowns Scheduled Over Next 6 Mo Refueling outage 1R12 is scheduled to		Duration of Each):	

25. If Shut Down At End of Report Period. Estimated Date of

Startup:

26. Units in Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY INITIAL ELECTRICITY COMMERCIAL OPERATION Forecast

Achieved 08/06/74 08/17/74 12/19/74

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO:	50-313			
UNIT:	One			
DATE:	December 1, 1994			
COMPLETED BY:	K. R. Hayes			
TELEPHONE:	(501) 858-5535			

### MONTH November 1994

DAY

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## AVERAGE DAILY POWER LEVEL (MWe-Net)

1		844
2	***************************************	843
3		843
4		843
5		843
6		844
7		838
8		843
9		833
10		841
11		839
12		841
13		841
14		841
15		841
16		841
17		841
18		841
19	*******	84
20		8
21		84.1
22	******	84
23	***************************************	841
24	**********************************	842
25	*********	842
26		841
27		841
28		841
29		841
30		840
31		#N/A

AVGS: 841

## 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.

## NRC MONTHLY OPERATING REPORT

# OPERATING SUMMARY

## **NOVEMBER 1994**

## UNIT ONE

The unit operated the month of November at 100% power.

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#### UNIT SHUTDOWNS AND POWER REDUCTIONS REPORT FOR November 1994

DOCKET NO.	50-313			
UNIT NAME	ANO Unit 1			
DATE	December 1, 1994			
COMPLETED BY	K. R. Hayes			
TELEPHONE	501-858-5535			
	And the state of the second			

					METHOD OF	LICENSEE				
			DURATION		SHUTTING DOWN	EVENT	SYSTEM	COMPONENT	CAUSE & CORRECTIVE ACTION TO	
NO.	DATE	TYPE1	(HOURS)	REASON <sup>2</sup>	REACTOR <sup>3</sup>	REPORT #	CODE <sup>4</sup>	CODE <sup>5</sup>	PREVENT RECURRENCE	

None

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)

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Exhibit I - Same Source

## **REFUELING INFORMATION**

- 1. Name of facility: Arkansas Nuclear One Unit 1
- 2. Scheduled date for next refueling shutdown. February 14, 1995
- 3. Scheduled date for restart following refueling. April 7, 1995
- 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)?

Technical Specification change to relocate additional cycle specific parameters to the Core Operating Limits Report (COLR). Technical Specification change to allow modification of the vital instrument electrical power system.

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

These changes were submitted August 30, 1994.

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) <u>177</u> b) <u>68.5</u>

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

 The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity.

DATE: <u>1996</u> (Loss of full core off-load capability)