

April 15, 1994

1CAN049402

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 March, 1994 is attached. This report is submitted in accordance with ANO-1 Technical Specification 6.12.2.3.

Very truly yours,

Dwight C. Mims

Director, Licensing

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DCM/jrh Attachment

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U. S. NRC
 April 15, 1994
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cc: Mr. Leonard J. Callan
Regional Administrator
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OPERATING DATA REPORT

DOCKET NO:

50-313

DATE:

April 1, 1994

COMPLETED BY: K. R. Hayes

TELEPHONE:

(501) 964-5535

OPERATING STATUS

1.	Unit Name: Arkansas Nuclear One - Unit 1		
2.	Reporting Period: March 1-31, 1994		
3.	Licensed Thermal Power (MWt): 2,568		
4.	Nameplate Rating (Gross MWc): 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	744.0	2160.0	169027.0
12.	Number of Hours Reactor was			
	Critical	744.0	2135.5	122733.9
13.	Reactor Reserve Shutdown			
	Hours	0.0	0.0	5044.0
14.	Hours Generator On-Line	744.0	2129.7	120473.3
15.	Unit Reserve Shutdown Hours	0.0	0.0	817.5
16.	Gross Thermal Energy Generated			
	(MWH)	1909544	5454504	277505066
17.	Gross Electrical Energy	*******	5454564	277,505,000
	Generated (MWH)	653750	1869685	92662720
18.	Net Electrical Energy	450000	1.007002	72002720
	Generated (MWH)	627111	1792380	99110516
19	Unit Service Factor	100.0		88119516
20.			98.6	71.3
	Unit Availability Factor	100.0	98.6	71.8
21.	Unit Capacity Factor			
	(Using MDC Net)	100.8	99.3	62.4
22.	Unit Capacity Factor			
	(Using DEC Net)	99.2	97.6	61.3
23.	Unit Forced Outage Rate	0.0	1.4	11.1
24.	Shutdowns Scheduled Over Next 6 Mont			

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

> 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: April 1, 1994 COMPLETED BY: K. R. Hayes (501) 964-5535 TELEPHONE:

MONTH March, 1994

DAY	AVERAGE DAILY POWER LEVEL
	(MWe-Net)

Į.	(criticistic response conservation and conservation)	845
2		845
3		845
4		844
5	********************************	844
6	******************************	844
7		844
8		838
9	*******************************	838
10		844
11		841
12		842
13		842
14		844
15	**********************	843
16		843
17		843
18		843
19		843
20		8.14
21		843
22		842
23		842
24		843
25		843
26		843
27		844
28		844
29		843
30	Ministration of the contract of the contract of	844
31	***************************************	843

AVGS: 843

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

MARCH 1994

UNIT ONE

Arkansas Nuclear One, Unit One, began the month operating at 100% power. On the eighth at 07:49 hours, the unit power was decreased to 98.5% to allow the isolation of a condenser waterbox for tube leak repairs and tubesheet cleaning. Power was returned to 100% at 11:13 hours on the same day.

On the eleventh at 19:03 hours, the unit load was decreased to 95% to perform planned testing of the turbine throttle/governor valves. The unit was returned to full power at 20:47 hours the same day. Unit 1 operated at full power for the remainder of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS REPORT FOR March, 1994

DOCKET NO.

50-313

UNIT NAME

ANO Unit 1

DATE

April 1, 1994

COMPLETED BY

K. R. Haves

TELEPHONE

501-964-5535

METHOD OF

LICENSEE

DURATION (HOURS) DATE TYPE'

REASON²

SHUTTING DOWN REACTOR3

EVENT REPORT# SYSTEM COMPONENT CODE⁵ CODE*

CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE

NONE

NO.

F: Forced

S: Scheduled

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

Exhibit G - Instructions for Preparation of Data

Entry Sheets for Licensee

Event Report (LER) File (NUREG-0161)

Exhibit I - Same Source

DATE: March, 1994

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)?
	Unknown at this time.
5.	Scheduled date(s) for submitting proposed licensing action and supporting information.
	Unknown at this time.
å.	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.
7.	The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.
	a) <u>177</u> b) <u>685</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
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)