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October 14, 1994

1CAN109401

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

Very truly yours,

Mark a Smith

Dwight C. Mims

Director, Licensing

DCM/jrh

for

Attachment

IE24

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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:

October 6, 1994

COMPLETED BY: K. R. Hayes

TELEPHONE:

(501) 858-5535

OPERATING STATUS

2.	Reporting Period: September 1-30, 1994		
	The state of the s		
3.	Licensed Thermal Power (Mwt):	2568	
4.	Name, late 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	
1.	Hours in Reporting Period	720.0	6,551.0	173,418.0	
2.	Number of Hours Reactor was				
	Critical	720.0	6448.8	127,047.	
1.	Reactor Reserve Shutdown				
	Hours	0.0	0.0	5044.	
1.	Hours Generator On-Line	720.0	6,435.4	124,779.	
5.	Unit Reserve Shutdown Hours	0.0	0.0	817.	
5.	Gross Thermal Energy Generated				
	(MWH)	1,822,550.6	16,452,243.4	288,502,805.	
7.	Gross Electrical Energy				
	Generated (MWH)	615,160.0	5,587,285.0	96,380,320.	
8.	Net Electrical Energy				
	Generated (MWH)	588,384.0	5,347,244.0	91,674,380.	
9.	Unit Service Factor	100.0	98.2	72.	
).	Unit Availability Factor	100.0	98.2	72.	
1.	Unit Capacity Factor				
	(Using MDC Net)	97.8	97.6	63.	
2.	Unit Capacity Factor				
	(Using DEC Net)	96.1	96.0	62.	
	Unit Forced Outage Rate	0.0	1.8	10.	
١.	Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):				
	Refueling outage 1R12 is scheduled to begin February 14, 1995.				

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: October 6, 1994

COMPLETED BY: K. R. Hayes

TELEPHONE: (501)858-5535

MONTH September 1994

DA	AY AVERAG	AVERAGE DAILY POWER LEVEL (MWe-Net)		
1 2		007		
3		0.17		
4		828		
5	***************************************			
6				
7				
8				
9				
10		671		
11		806		
12		. 827		
13		828		
14		828		
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16		829		
17		829		
18		831		
19	*************************	832		
20		832		
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23		836		
24	377111111111111111111111111111111111111	838		
25	***************************************	838		
26		839		
27		838		
28		838		
29		836		
30		836		
31		#N/A		

AVGS: 817

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

SEPTEMBER 1994

UNIT ONE

Arkansas Nuclear One, Unit One, began the month operating at 100% power. On the eighth at 20:01 hours, the unit load was decreased to 70% to isolate a condenser waterbox so tube leaks could be found and repaired. Power was returned to 80-85% during the repair work. On the eleventh at 03:00 hours, the condenser work was completed and power was increased to 90% to perform planned testing of the turbine throttle/governor valves. The testing was completed and the unit returned to full power at 04:53 hours on the eleventh. Unit 1 operated at full power for the remainder of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS REPORT FOR September 1994

DOCKET NO. 50-313 UNIT NAME ANO Unit 1 DATE October 6, 1994 COMPLETED BY

K. R. Hayes 501-858-5535 TELEPHONE

METHOD OF SHUTTING DOWN

REACTOR3

LICENSEE EVENT

REPORT#

CODE4

SYSTEM COMPONENT CODE5

CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE

None

NO.

F: Forced S: Scheduled Reason:

A - Equipment Failure (Explain)

B - Maintenance of Test

C - Refueling

DURATION

(HOURS)

REASON²

D - Regulatory Restriction

E - Operator Training & License Examination

F - Administration

G - Operational Error

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-0161)

Exhibit I - Same Source

DATE: September 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 chang 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 Safet 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 Cor 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 fue design or supplier, unreviewed design or performance analysis methods, significant change 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>685</u>
8.	The present licensed spent fuel pool storage capacity and the size of any increase in license 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 poor assuming the present licensed capacity.
	DATE: 1996 (Loss of full core off-load capability)