

+ 4

Entergy Operations, Inc. Roste 3, Box 137G Russetvide AR 72801 Tol 601-164-3190

June 15, 1994

1CAN069403

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 May 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

DCM/jrh Aitachment

9406210079 94053 PDR ADDCK 05000 Ruiu

U. S. NRC June 15, 1994 1CAN069403 Page 2

 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 - ANO-1 & 2 Number 1, Nuclear Plant Road Russellville, AR 72801

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

Mr. Thomas W. Alexion NRR Project Manager, Region IV/ANO-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:	June 3, 1994
COMPLETED BY:	K. R. Hayes
TELEPHONE:	(501) 964-5535

#### **OPERATING STATUS**

- 1. Unit Name: Arkansas Nuclear One Unit 1
- 2. Reporting Period: May 1-31, 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
- If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
  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	3623.0	170490.0
12.	Number of Hours Reactor was Critical	744.0	7570.9	124110.2
13.	Reactor Reserve Shutdown	/44.0	3520.8	124119.2
	Hours	0.0	0.0	5044.0
14.	Hours Generator On-Line	744.0	3507.4	121851.0
15.	Unit Reserve Shutdown Hours	0.0	0.0	817.5
16.	Gross Thermal Energy Generated			
	(MWH)	1909739	8973872	281024434
17.	Gross Electrical Energy			
	Generated (MWH)	652485	3071545	93864580
18.	Net Electrical Energy			
	Generated (MWH)	624847	2940832	89267968
19.	Unit Service Factor	100.0	96.8	71.5
20.	Unit Availability Factor	100.0	96.8	72.0
21.	Unit Capacity Factor			
	(Using MDC Net)	100.5	97.1	62.6
22.	Unit Capacity Factor			
	(Using DEC Net)	98.8	95.5	61.6
23.	Unit Forced Outage Rate	0.0	3.2	11.0
24	Shutdowns Scheduled Over Next 6 Mon	the (Type Date and F		

Shutdowns Scheduled Over Next 6 Months (Type, Date, and 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):

ForecastAchievedINITIAL CRITICALITY08/06/74INITIAL ELECTRICITY08/17/74COMMERCIAL OPERATION12/19/74

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO:	50-313
UNIT:	One
DATE:	June 3, 1994
COMPLETED BY:	K. R. Hayes
TELEPHONE:	(501) 964-5535

### MONTH May 1994

DAY

AVERAGE DAILY POWER LEVEL (MWe-Net)

1	840
2	841
3	841
4	841
5	842
6	 841
7	 840
8	841
9	 841
10	843
11	843
12	842
13	839
14	843
15	841
16	841
17	839
18	840
19	840
20	840
21	839
22	840
23	839
24	838
25	836
26	838
27	837
28	838
29	837
30	838
31	836
10.0	 0.70

AVGS: 840

## 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**

# MAY 1994

## UNIT ONE

Arkansas Nuclear One, Unit One, began the month operating at 100% power. On the thirteenth at 20:05 hours, the unit load was decreased to 96% to perform planned testing of the turbine throttle/governor valves. The unit was returned to full power at 22:06 hours the same day.

Unit 1 operated at full power for the remainder of the month.

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

DOCKET NO.	50-313
UNIT NAME	ANO Unit 1
DATE	May 6, 1994
COMPLETED BY	K. R. Hayes
TELEPHONE	501-964-5535

METHOD OF LICENSEE DURATION SHUTTING DOWN EVENT CAUSE & CORRECTIVE ACTION TO SYSTEM COMPONENT NO. TYPE1 (HOURS) DATE 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 Centinuation
- 5 Load Reduction
- 9 Other

#### 1

Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5

Exhibit I - Same Source

DATE: May 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)?

Technical Specification change to relocate additional cycle specific parameters to the Core Operating Limits Report (COLR).

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

August 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>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

 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)