



*Entergy*

Entergy Operations, Inc.  
1448 S R 333  
Russellville, AR 72802  
Tel 501 858 5000

January 15, 2001

OCAN010101

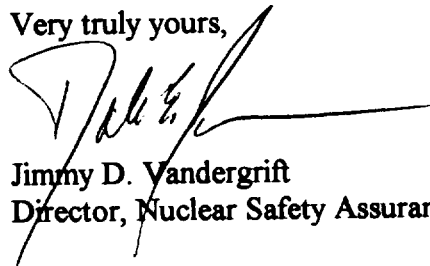
U. S. Nuclear Regulatory Commission  
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Subject: Arkansas Nuclear One - Units 1 and 2  
Docket Nos. 50-313 and 50-368  
License Nos. DPR-51 and NPF-6  
Monthly Operating Report

Gentlemen:

Arkansas Nuclear One (ANO), Units 1 and 2 Technical Specifications 6.12.2.3 and 6.9.1.6, respectively, require the submittal of a Monthly Operating Report. The purpose of this letter is to complete the reporting requirement for December 2000.

Very truly yours,



Jimmy D. Vandergrift  
Director, Nuclear Safety Assurance

JDV/SLP  
Attachment

IE24

U. S. NRC  
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cc: Mr. Ellis W. Merschoff  
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  
P.O. Box 310  
London, AR 72847

Mr. William D. Reckley  
NRR Project Manager Region IV/ANO-1  
U. S. Nuclear Regulatory Commission  
NRR Mail Stop 04-D-03  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

Mr. Thomas Alexion  
NRR Project Manager Region IV/ANO-2  
U. S. Nuclear Regulatory Commission  
NRR Mail Stop 04-D-03  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

# **OPERATING DATA REPORT**

**DOCKET NO.** 50-313  
**UNIT NAME** Arkansas Nuclear One - Unit 1  
**DATE** January 15, 2001  
**COMPLETED BY** Steven L. Coffman  
**TELEPHONE** (501) 858-5560

**REPORTING PERIOD:** December 2000

**1. Design Electrical Rating (MWe-Net):** 850  
**2. Maximum Dependable Capacity (MWe-Net):** 836

	<u>MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
<b>3. Number of Hours Reactor Was Critical</b>	<u>744.0</u>	<u>7,786.3</u>	<u>176,429.6</u>
<b>4. Number of Hours Generator On-Line</b>	<u>744.0</u>	<u>7,749.0</u>	<u>173,842.8</u>
<b>5. Unit Reserve Shutdown Hours</b>	<u>0.0</u>	<u>0.0</u>	<u>817.5</u>
<b>6. Net Electrical Energy Generated (MWh)</b>	<u>640,249</u>	<u>6,410,141</u>	<u>132,376,244</u>

## **UNIT SHUTDOWNS**

<u>No.</u>	<u>Date</u>	<u>Type</u> <u>F: Forced</u> <u>S: Scheduled</u>	<u>Duration</u> <u>(Hours)</u>	<u>Reason</u> <sup>1</sup>	<u>Method of</u> <u>Shutting</u> <u>Down</u> <sup>2</sup>	<u>Cause &amp; Corrective Action</u> <u>Comments</u>
None						

**SUMMARY:** The Unit began the month at full power. On 12/15/00, power was reduced to 85% for approximately 4.5 hours to perform turbine valve testing. On 12/25/00, power was reduced to 98% for approximately 8 hours to troubleshoot and repair an Integrated Control System circuit malfunction. The Unit operated the remainder of the month at full power.

**1**

**Reason:**

- A Equipment Failure (Explain)**
- B Maintenance or Test**
- C Refueling**
- D Regulatory Restriction**
- E Operator Training & License Examination**
- F Administration**
- G Operational Error (Explain)**
- H Other (Explain)**

**2**

**Method:**

- 1 Manual**
- 2 Manual Trip/Scram.**
- 3 Automatic Trip/Scram.**
- 4 Continuation**
- 5 Other (Explain)**

# **OPERATING DATA REPORT**

**DOCKET NO.** 50-368  
**UNIT NAME** Arkansas Nuclear One - Unit 2  
**DATE** January 15, 2001  
**COMPLETED BY** Steven L. Coffman  
**TELEPHONE** (501) 858-5560

**REPORTING PERIOD:** December 2000

**1. Design Electrical Rating (MWe-Net):** 912  
**2. Maximum Dependable Capacity (MWe-Net):** 858

	<u>MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
<b>3. Number of Hours Reactor Was Critical</b>	582.0	6,176.5	145,023.3
<b>4. Number of Hours Generator On-Line</b>	492.1	6,078.7	142,636.8
<b>5. Unit Reserve Shutdown Hours</b>	0.0	0.0	0.0
<b>6. Net Electrical Energy Generated (MWh)</b>	393,051	5,265,348	120,271,087

## **UNIT SHUTDOWNS**

<u>No.</u>	<u>Date</u>	Type <u>F: Forced</u> <u>S: Scheduled</u>	<u>Duration</u> <u>(Hours)</u>	<u>Reason</u> <sup>1</sup>	<u>Method of</u> <u>Shutting</u> <u>Down</u> <sup>2</sup>	<u>Cause &amp; Corrective Action</u> <u>Comments</u>
2000-07	001201	S	216.3	C	4	Shutdown for 2R14 Refueling Outage.
2000-08	001210	S	7.9	B	5	Post modification turbine break-in. Turbine offline while the Reactor remained critical.
2000-09	001210	S	6.7	B	5	Post modification turbine break-in. Turbine offline while the Reactor remained critical.
2000-10	001210	S	6.8	B	5	Post modification turbine break-in. Turbine offline while the Reactor remained critical.
2000-11	001211	S	0.7	B	5	Turbine Overspeed Trip Test. The Reactor remained critical.
2000-12	001211	S	6.8	B	5	Post modification turbine break-in. Turbine offline while the Reactor remained critical.
2000-13	001211	S	6.7	B	5	Post modification turbine break-in. Turbine offline while the Reactor remained critical.

**SUMMARY:** The Unit began the month off line due to the 2R14 Refueling/Steam Generator Replacement Outage. The reactor achieved criticality at 1801 hours on 12/07/00. The 2R14 outage ended at 0015 hours on 12/10/00 when the turbine generator was initially tied to the grid. After post-outage testing, the Unit achieved full power at 0125 hours on 12/19/00, and operated at full power for the remainder of the month.

**1**

### **Reason:**

- A Equipment Failure (Explain)**
- B Maintenance or Test**
- C Refueling**
- D Regulatory Restriction**
- E Operator Training & License Examination**
- F Administration**
- G Operational Error (Explain)**
- H Other (Explain)**

**2**

### **Method:**

- 1 Manual**
- 2 Manual Trip/Scram.**
- 3 Automatic Trip/Scram.**
- 4 Continuation**
- 5 Other (Explain)**