



*Entergy*

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OCAN010301

January 15, 2003

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

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

Dear Sir or Madam:

Arkansas Nuclear One (ANO), Units 1 and 2 Technical Specifications 5.6.4 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 2002.

Sincerely,

Glenn R. Ashley  
Manager, Licensing

GRA/SLP  
Attachment

IE24

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

U. S. Nuclear Regulatory Commission  
Attn: Mr. William D. Reckley  
Washington, DC 20555-0001

U. S. Nuclear Regulatory Commission  
Attn: Mr. Thomas Alexion  
Washington, DC 20555-0001

## OPERATING DATA REPORT

**DOCKET NO.** 50-313  
**UNIT NAME** Arkansas Nuclear One - Unit 1  
**DATE** January 15, 2003  
**COMPLETED BY** Steven L. Coffman  
**TELEPHONE** (479) 858-5560

**REPORTING PERIOD:** December 2002

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>
3. Number of Hours Reactor Was Critical	744.0	7,840.2	192,441.6
4. Number of Hours Generator On-Line	744.0	7,820.6	189,765.8
5. Unit Reserve Shutdown Hours	0.0	0.0	817.5
6. Net Electrical Energy Generated (MWh)	639,558	6,568,628	145,820,337

### UNIT SHUTDOWNS

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

SUMMARY: The Unit operated the entire 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)

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- 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, 2003  
**COMPLETED BY** Steven L. Coffman  
**TELEPHONE** (479) 858-5560

**REPORTING PERIOD:** December 2002

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>
3. <b>Number of Hours Reactor Was Critical</b>	726.2	8,240.6	161,874.0
4. <b>Number of Hours Generator On-Line</b>	712.6	8,205.0	159,341.5
5. <b>Unit Reserve Shutdown Hours</b>	0.0	0.0	0.0
6. <b>Net Electrical Energy Generated (MWh)</b>	713,516	8,002,151	136,190,261

### UNIT SHUTDOWNS

<u>No.</u>	<u>Date</u>	<u>Type</u>		<u>Duration (Hours)</u>	<u>Reason<sup>1</sup></u>	<u>Method of Shutting Down<sup>2</sup></u>	<u>Cause &amp; Corrective Action Comments</u>
		<u>F: Forced</u>	<u>S: Scheduled</u>				
2002-03	021219	F		21.2	A	3	Automatic trip due to Generator Anti-Motoring Relay Failure
2002-04	021220	F		10.2	H	5	Turbine offline due to high bearing vibration. Reactor remained critical.

**SUMMARY:** The Unit began the month at full power. On 12/07/2002, power was reduced to ~98% for Turbine Control Valve Testing and the Unit returned to full power that same day. On 12/19/2002, the Unit automatically tripped off line due to a Main Generator Anti-Motoring Relay failure. After the Unit was tied back to the grid on 12/20/2002, the Main Turbine was manually taken off line due to high bearing vibration during power ascension. The Turbine was tied back to the grid on 12/20/2002 and the Unit achieved full power on 12/21/2002. 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)**