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January 15, 2001

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U. S. Nuclear Regulatory Commission
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Washington, DC 20555

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,

A handwritten signature in black ink, appearing to read "J. Vandergrift", written over a horizontal line.

Jimmy D. Vandergrift
Director, Nuclear Safety Assurance

JDV/SLP
Attachment

JE24

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cc: Mr. Ellis W. Merschoff
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U. S. Nuclear Regulatory Commission
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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>
3. Number of Hours Reactor Was Critical	744.0	7,786.3	176,429.6
4. Number of Hours Generator On-Line	744.0	7,749.0	173,842.8
5. Unit Reserve Shutdown Hours	0.0	0.0	817.5
6. Net Electrical Energy Generated (MWh)	640,249	6,410,141	132,376,244

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> ¹	<u>Method of</u> <u>Shutting</u> <u>Down</u> ²	<u>Cause & 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>
3. Number of Hours Reactor Was Critical	582.0	6,176.5	145,023.3
4. Number of Hours Generator On-Line	492.1	6,078.7	142,636.8
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	393,051	5,265,348	120,271,087

UNIT SHUTDOWNS

<u>No.</u>	<u>Date</u>	<u>Type</u> F: Forced S: Scheduled	<u>Duration</u> (Hours)	<u>Reason</u> ¹	<u>Method of</u> <u>Shutting</u> <u>Down</u> ²	<u>Cause & 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)