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January 15, 2001

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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,

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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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> 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> |
|------------|-------------|--|-----------------------------------|----------------------------|---|---|
| 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)**