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March 15, 2000

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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 February 2000.

This Monthly Operating Report is being submitted under the new format allowed by NRC Generic Letter 97-02. If you have any questions, please contact me.

Very truly yours,

A handwritten signature in black ink that reads "Jimmy D. Vandergrift".

Jimmy D. Vandergrift
Director, Nuclear Safety Assurance

JDV/SLP
Attachment

1E24

U. S. NRC
March 15, 2000
0CAN030001 Page 2

cc: Mr. Ellis W. Merschoff
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OPERATING DATA REPORT

DOCKET NO. 50-313
UNIT NAME Arkansas Nuclear One - Unit 1
DATE March 15, 2000
COMPLETED BY Steven L. Coffman
TELEPHONE (501) 858-5560

REPORTING PERIOD: February 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	<u>96.2</u>	<u>752.2</u>	<u>169,395.5</u>
4.	Number of Hours Generator On-Line	<u>96.2</u>	<u>745.8</u>	<u>166,839.6</u>
5.	Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>817.5</u>
6.	Net Electrical Energy Generated (MWh)	<u>57,942</u>	<u>492,382</u>	<u>126,458,485</u>

UNIT SHUTDOWNS

<u>No.</u>	<u>Date</u>	Type F: Forced S: Scheduled	<u>Duration (Hours)</u>	<u>Reason¹</u>	<u>Method of Shutting Down²</u>	<u>Cause & Corrective Action Comments</u>
2000-03	000205	S	231.8	B	1	Planned Maintenance outage to replace a Reactor Coolant Pump anti-reverse rotation device.
2000-04	000214	F	368.0	A	4	Emergent problems with Decay Heat Pumps and RCS instrument nozzles extended the maintenance outage through the end of the month.

SUMMARY: The Unit began the month at limited to 72% power due to a failed Reactor Coolant Pump anti-reverse rotation device. The Unit was manually taken off-line at 0010 hours on 02/05/00 for a planned maintenance outage to repair the Reactor Coolant Pump Motor. Subsequent emergent problems with Decay Heat Pumps and RCS instrument nozzles have extended the maintenance outage through the end 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)

OPERATING DATA REPORT

DOCKET NO. 50-368
UNIT NAME Arkansas Nuclear One - Unit 2
DATE March 15, 2000
COMPLETED BY Steven L. Coffman
TELEPHONE (501) 858-5560

REPORTING PERIOD: February 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	696.0	1,440.0	140,286.8
4. Number of Hours Generator On-Line	696.0	1,440.0	137,998.2
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	614,054	1,274,480	116,280,218

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. At 2200 hours on 02/02/00, a planned power decrease to 81% was commenced to replace a Feedwater Control circuit card, after which the unit was returned to full power at 1240 hours on 02/03/00. At 2150 hours on 02/06/00, a power reduction to 82% was commenced to replace a failed Feedwater Control circuit card, after which the unit was returned to full power at 0056 hours on 02/08/00. At 2137 hours on 02/25/00, power was reduced to ~95% to perform quarterly Main Turbine valve testing. The Unit was returned to full power at 2330 hours that same day and 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)