



Entergy

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

OCAN010402

January 15, 2004

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

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

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 2003.

There are no new commitments contained in this submittal.

Sincerely,

Glenn R. Ashley
Manager, Licensing
GRA/SLP
Attachment(s)

IE24

cc: Dr. Bruce S. Mallett
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. Thomas Alexion
Mail Stop 0-7 D1
Washington, DC 20555-0001

OPERATING DATA REPORT

DOCKET NO. 50-313
UNIT NAME Arkansas Nuclear One - Unit 1
DATE January 15, 2004
COMPLETED BY Steven L. Coffman
TELEPHONE (479) 858-5560

REPORTING PERIOD: December 2003

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>527.4</u>	<u>8,131.3</u>	<u>200,572.9</u>
4. Number of Hours Generator On-Line	<u>485.3</u>	<u>8,050.9</u>	<u>197,816.7</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>412,979</u>	<u>6,794,295</u>	<u>152,614,632</u>

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</u> of Shutting Down ²	<u>Cause & Corrective</u> <u>Action</u> <u>Comments</u>
2003-02	031201	F	258.7	A	4	Unit shut down due to Main Transformer problems.

SUMMARY: The Unit began the month in a continued forced shutdown to replace 2 of the 3 Main Transformers. The Unit was tied back to the grid on 12/11/2003 and achieved full power on 12/12/2003. On 12/26/2003, power was reduced to 93% to recover from a heater drain tank high level dump failure. The Unit was returned to full power that same day, 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)

OPERATING DATA REPORT

DOCKET NO. 50-368
UNIT NAME Arkansas Nuclear One - Unit 2
DATE January 15, 2004
COMPLETED BY Steven L. Coffman
TELEPHONE (479) 858-5560

REPORTING PERIOD: December 2003

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	639.2	8,182.9	170,056.8
4. Number of Hours Generator On-Line	634.6	8,157.6	167,499.0
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	632,183	7,925,725.0	144,115,986

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</u> of Shutting Down ²	<u>Cause & Corrective</u> <u>Action</u> <u>Comments</u>
2003-03	031224	F	109.4	A	1	Unit manually taken off line due to condenser boot seal failure.

SUMMARY: The Unit began the month at full power. On 12/24/2003, the unit was manually taken off line due to a failure of the Main Condenser boot seal. After repairs, the Unit was tied to the grid on 12/29/2003 and achieved full power on 12/30/2003. Subsequently on 12/30/2003, power was reduced to 81% because of an electro-hydraulic fluid leak on one of the Main Feedwater Pump control valves. The affected Main Feedwater Pump was secured, and after repairs, the Unit was returned to full power on 12/31/2003.

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)