



February 15, 1994

2CAN029403

U. S. Nuclear Regulatory Commission
Document Control Desk
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Washington, DC 20555

Subject: Arkansas Nuclear One - Unit 2
Docket No. 50-368
License No. NPF-6
Monthly Operating Report

Gentlemen:

The Arkansas Nuclear One - Unit 2 Monthly Operating Report (MOR) for January, 1994 is attached. This report is submitted in accordance with ANO-2 Technical Specification 6.9.1.6. Also, in accordance with ANO-2 Technical Specification 6.9.1.5.c and NUREG-0737, Item II.K.3.3, attached is the 1993 Annual Report of Challenges to Pressurizer Safety Valves.

Very truly yours,

Dwight C. Mims
Dwight C. Mims
Director, Licensing

DCM/jrh
Attachment

JEZH 1/1

U. S. NRC
February 15, 1994
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U. S. Nuclear Regulatory Commission
Region IV
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OPERATING DATA REPORT

DOCKET NO: 50-368
 DATE: February 3, 1994
 COMPLETED BY: M. S. Whitt
 TELEPHONE: (501) 964-5560

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: January 1-31, 1994
3. Licensed Thermal Power (MWt): 2,815
4. Nameplate Rating (Gross MWe): 942.57
5. Design Electrical Rating (Net MWe): 912
6. Maximum Dependable Capacity (Gross MWe): 897
7. Maximum Dependable Capacity (Net MWe): 858
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: _____
9. Power Level To Which Restricted. If Any (Net MWe): None
10. Reasons For Restrictions. If Any: None

	<u>MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. Hours in Reporting Period	744.0	744.0	121,440.0
12. Number of Hours Reactor was Critical	744.0	744.0	93,565.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	744.0	91,670.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2,060,587	2,060,587	243,040,570
17. Gross Electrical Energy Generated (MWH)	681,903	681,903	80,004,240
18. Net Electrical Energy Generated (MWH)	651,769	651,769	76,124,678
19. Unit Service Factor	100.0	100.0	75.5
20. Unit Availability Factor	100.0	100.0	75.5
21. Unit Capacity Factor (Using MDC Net)	102.1	102.1	73.1
22. Unit Capacity Factor (Using DEC Net)	96.1	96.1	68.7
23. Unit Forced Outage Rate	0.0	0.0	11.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling Outage 2R10 is scheduled for March 11, 1994 through April 24, 1994.
25. If Shut Down At End of Report Period. Estimated Date of Startup: _____
26. Units in Test Status (Prior to Commercial Operation): _____

	<u>Forecast</u>	<u>Achieved</u>
INITIAL CRITICALITY	_____	<u>12/05/78</u>
INITIAL ELECTRICITY	_____	<u>12/26/78</u>
COMMERCIAL OPERATION	_____	<u>03/26/80</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-368
 UNIT: Two
 DATE: February 3, 1994
 COMPLETED BY: M. S. Whitt
 TELEPHONE: (501) 964-5560

MONTH January, 1994

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	895
2	896
3	896
4	896
5	896
6	894
7	898
8	896
9	896
10	897
11	894
12	887
13	890
14	892
15	893
16	893
17	892
18	892
19	890
20	890
21	724
22	704
23	794
24	882
25	880
26	881
27	881
28	884
29	884
30	884
31	888

AVGS: 876

INSTRUCTION

On this format, list the average daily unit power level in MWe-Net for each day in reporting month. Complete to the nearest whole megawatt.

NRC MONTHLY OPERATING REPORT

OPERATING SUMMARY

JANUARY 1994

UNIT TWO

The unit began the month of January operating at 100% power. At 0030 hours on the twenty-first, an elective power reduction was initiated to locate and plug a very small condenser tube leak. The leakage was low enough that the steam generator chemistry remained within specifications. After the tube was plugged at 1125 on the twenty-third, the unit return to full power operation at 1717 on the same day. Unit 2 operated at 100% power for the remainder of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR JANUARY, 1994

DOCKET NO.	<u>50-368</u>
UNIT NAME	<u>ANO Unit 2</u>
DATE	<u>February 3, 1994</u>
COMPLETED BY	<u>M. S. Whitt</u>
TELEPHONE	<u>501-964-5560</u>

<u>NO.</u>	<u>DATE</u>	<u>TYPE¹</u>	<u>DURATION (HOURS)</u>	<u>REASON²</u>	<u>METHOD OF SHUTTING DOWN REACTOR³</u>	<u>LICENSEE EVENT REPORT #</u>	<u>SYSTEM CODE⁴</u>	<u>COMPONENT CODE⁵</u>	<u>CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE</u>
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none

¹
F: Forced
S: Scheduled

²
Reason:
A - Equipment Failure (Explain)
B - Maintenance of Test
C - Refueling
D- Regulatory Restriction
E - Operator Training & License Examination
F - Administration
G - Operational Error
H - Other (Explain)

³
Method:
i - Manual
2 - Manual Scram.
3 - Automatic Scram.
4 - Continuation
5 - Load Reduction
9 - Other

⁴
Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-0161)

⁵
Exhibit I - Same Source

DATE: January, 1994

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. March 11, 1994
3. Scheduled date for restart following refueling. April 24, 1994
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? If answer is yes, what, in general, will there be? If answer is no, has the reload fuel design and core configuration been reviewed by your Plant Safety Review Committee to determine whether any unreviewed safety questions are associated with the core reload (Ref. 10 CFR Section 50.59)?

Yes, Technical Specification changes to relocate cycle specific parameters to a Core Operating Limits Report.
5. Scheduled date(s) for submitting proposed licensing action and supporting information.

Changes submitted July 22, 1993.
6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures.

None.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.

a) 177 b) 565
8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies.

present 988 increase size by 0
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity.

DATE: 1997 (Loss of full core off-load capability)

ATTACHMENT

ANNUAL REPORT OF SAFETY VALVE

FAILURES AND CHALLENGES

UNIT TWO

This annual report is submitted in the January Monthly Operating Report in response to requirements implemented as a result of NUREG-0737, Item II.K.3.3 and to fulfill Technical Specification reporting requirements (TS 6.9.1.5.C).

For ANO-2, no challenges to the primary system code safeties have occurred in the year 1993.