

February 15, 1996

ICAN029602

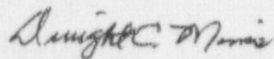
U. S. Nuclear Regulatory Commission
Document Control Desk
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Subject: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Monthly Operating Report

Gentlemen:

The Arkansas Nuclear One - Unit 1 Monthly Operating Report for January 1996 is attached. This report is submitted in accordance with ANO-1 Technical Specification 6.12.2.3. Also, in accordance with ANO-1 Technical Specification 6.12.2.4 and NUREG-0737, Item II.K.3.3, attached is the 1995 Annual Report of Failures and Challenges to Pressurizer Safety Valves.

Very truly yours,



Dwight C. Mims
Director, Nuclear Safety

DCM/eas
attachment

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U. S. NRC

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cc: Mr. Leonard J. Callan
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U. S. Nuclear Regulatory Commission
Region IV
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U. S. Nuclear Regulatory Commission
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OPERATING DATA REPORT

DOCKET NO: 50-313
 DATE: February 15, 1996
 COMPLETED BY: M. S. Whitt
 TELEPHONE: (501) 858-5560

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: January 1-31
3. Licensed Thermal Power (MWt): 2,568
4. Nameplate Rating (Gross MWe): 903
5. Design Electrical Rating (Net MWe): 850
6. Maximum Dependable Capacity (Gross MWe): 883
7. Maximum Dependable Capacity (Net MWe): 836
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A
9. Power Level To Which Restricted. If Any (Net MWe): N/A
10. Reasons For Restrictions. If Any: N/A

	<u>MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. Hours in Reporting Period	744.0	744.0	185,131.0
12. Number of Hours Reactor was Critical	744.0	744.0	137,576.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	744.0	744.0	135,225.9
15. Unit Reserve Shutdown Hours	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	1,836,819	1,836,819	314,310,735
17. Gross Electrical Energy Generated (MWH)	638,582	638,582	105,208,627
18. Net Electrical Energy Generated (MWH)	611,580	611,580	100,109,794
19. Unit Service Factor	100.0	100.0	73.0
20. Unit Availability Factor	100.0	100.0	73.5
21. Unit Capacity Factor (Using MDC Net)	98.3	98.3	64.7
22. Unit Capacity Factor (Using DER Net)	96.7	96.7	63.6
23. Unit Forced Outage Rate	0.0	0.0	10.1
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): None			

25. If Shut Down At End of Report Period. Estimated Date of Startup: N/A
26. Units in Test Status (Prior to Commercial Operation):
None

	<u>Forecast</u>	<u>Achieved</u>
INITIAL CRITICALITY		08/06/74
INITIAL ELECTRICITY		08/17/74
COMMERCIAL OPERATION		12/19/74

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO:	50-313
UNIT:	One
DATE:	February 15, 1996
COMPLETED BY:	M. S. Whitt
TELEPHONE:	(501) 358-5560

MONTH January 1996

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	.....	855
2	.....	855
3	.....	855
4	.....	854
5	.....	855
6	.....	854
7	.....	854
8	.....	854
9	.....	854
10	.....	855
11	.....	854
12	.....	849
13	.....	853
14	.....	854
15	.....	855
16	.....	855
17	.....	854
18	.....	854
19	.....	855
20	.....	854
21	.....	855
22	.....	851
23	.....	852
24	.....	853
25	.....	854
26	.....	644
27	.....	516
28	.....	539
29	.....	854
30	.....	855
31	.....	730

AVGS: 822

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.

**UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR JANUARY 1996**

DOCKET NO. 50-313
 UNIT NAME ANO Unit 1
 DATE February 15, 1996
 COMPLETED BY M. S. Whitt
 TELEPHONE 501-858-5560

<u>NO.</u>	<u>DATE</u>	<u>TYPE</u> ¹	<u>DURATION</u> <u>(HOURS)</u>	<u>REASON</u> ²	<u>METHOD OF</u> <u>SHUTTING DOWN</u> <u>REACTOR</u> ³	<u>LICENSEE</u> <u>EVENT</u> <u>REPORT #</u>	<u>SYSTEM</u> <u>CODE</u> ⁴	<u>COMPONENT</u> <u>CODE</u> ⁵	<u>CAUSE & CORRECTIVE ACTION TO</u> <u>PREVENT RECURRENCE</u>
96-01	960126	F	0	A	5	N/A	SG	TBG	Power reductions to locate and plug leaking condenser tubes.

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:
 1 - 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

NRC MONTHLY OPERATING REPORT
OPERATING SUMMARY
JANUARY 1996
UNIT ONE

The month began with the unit operating at 100% power.

Power was reduced to 86% on the twelfth to perform turbine governor and throttle valve stroke testing. Following completion of the testing on the thirteenth, the unit was returned to 100% power. Unit power was reduced to 80% on the twenty-sixth due to a tube leak in condenser waterbox E-11B. Additional condenser tube leaks were discovered and power was further reduced to 60% to allow for plugging of the tube leaks and cleaning of the waterboxes. The condenser tube leaks were plugged and a power escalation commenced on the twenty-eighth at 1930 hours; at 2205 hours main turbine governor and throttle valve stroke testing began. Power was restored to 100% following completion of the testing on the twenty-ninth. Power was decreased to 80% on the thirty-first due to a condenser tube leak in the E-11B north waterbox. The condenser tube leak was plugged and power was returned to 100% on the thirty-first. A power reduction to 90% was initiated the same day due to problems in high pressure feedwater heater E-1B.

The unit operated the remainder of the month at 90% power.

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown: September 20, 1996
3. Scheduled date for restart following refueling: November 4, 1996
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. 10CFR Section 50.59)?

No, No

5. Scheduled date(s) for submitting proposed licensing action and supporting information:

N/A

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 planned

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

a) 177 b) 745

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 968 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: 1996 (Loss of full core off-load capability)

ATTACHMENT
ANNUAL REPORT OF PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES

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 6.12.2.4).

For ANO-1, there were no failures or challenges to the primary system code safeties or automatic actuations of the electromatic relief valve (ERV) during 1995.