



**Entergy
Operations**

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January 15, 1992

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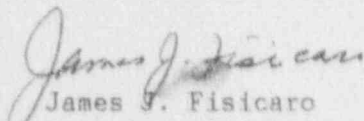
U. S. Nuclear Regulatory Commission
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SUBJECT: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Monthly Operating Report

Gentlemen:

The Arkansas Nuclear One - Unit 1 Monthly Operating Report (MOR) for December, 1991 is attached. This report is submitted in accordance with ANO-1 Technical Specification 6.12.2.3.

Very truly yours,


James J. Fisicaro
Director, Licensing

JJF/SAB/sjf
Attachment

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cc:

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OPERATING DATA REPORT

DOCKET NO: 50-313
 DATE: January 3, 1992
 COMPLETED BY: K. R. Hayes
 TELEPHONE: (501) 964-5535

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: December 1-31, 1991
3. Licensed Thermal Power (MWt): 2,568
4. Nameplate Rating (Gross MWe): 902.74
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: _____
9. Power Level To Which Restricted. If Any (Net MWe): None
10. Reasons For Restrictions. If Any: None

	MONTH	YR-TO-DATE	CUMULATIVE
11. Hours in Reporting Period	744.0	8,760.0	149,323.0
12. Number of Hours Reactor was Critical	744.0	8,149.8	105,861.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	744.0	7,994.1	103,732.8
15. Unit Reserve Shutdown Hours ..	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	1,909,486.0	20,125,321.0	235,181,438.0
17. Gross Electrical Energy Generated (MWH)	658,210.0	6,854,845.0	78,278,540.0
18. Net Electrical Energy Generated (MWH)	631,400.0	6,540,513.0	74,375,248.0
19. Unit Service Factor	100.0	91.3	69.5
20. Unit Availability Factor	100.0	91.3	70.0
21. Unit Capacity Factor (Using MDC Net)	101.5	89.3	59.6
22. Unit Capacity Factor (Using DEC Net)	99.8	87.8	58.6
23. Unit Forced Outage Rate	0.0	3.5	12.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>1R10 Refueling Outage is scheduled to begin February 29, 1992 and the unit is scheduled to restart April 27, 1992.</u>			
25. If Shut Down At End of Report Period. Estimated Date of Startup: _____			
26. Units in Test Status (Prior to Commercial Operation): _____			

	Forecast	Achieved
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: January 3, 1992
 COMPLETED BY: K. R. Hayes
 TELEPHONE: (501) 964-5535

MONTH December, 1991

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	851
2	848
3	850
4	850
5	850
6	850
7	850
8	850
9	850
10	850
11	849
12	849
13	849
14	849
15	849
16	849
17	848
18	848
19	848
20	847
21	848
22	849
23	848
24	848
25	848
26	848
27	848
28	848
29	847
30	847
31	847

AVGS: 849

INSTRUCTION

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

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MONTHLY OPERATING REPORT

OPERATING SUMMARY

DECEMBER 1991

UNIT ONE

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Unit One began the month operating at full power. On the twentieth at 07:05 hours the unit load was reduced to 99% due to a level control problem with the E1A Feedwater Heater. The unit load was returned to full power at 09:46 hours on the same day. On the twentieth-third at 16:33 hours the unit load was decreased to 98.5% to allow investigation of the Integrated Control System response. The unit load was returned to full power at 17:05 hours on the same day. The unit operated at full power for the remainder of December.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR DECEMBER, 1991

DOCKET NO.	50-313
UNIT NAME	ANO Unit 1
DATE	January 3, 1992
COMPLETED BY	K. R. Hayes
TELEPHONE	(501) 964-5535

<u>No.</u>	<u>Date</u>	<u>Type</u>	<u>Duration</u> <u>(Hours)</u>	<u>Reason</u> ²	<u>Method of</u> <u>Shutting</u> <u>Down 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</u> <u>Action to</u> <u>Prevent Recurrence</u>
None									

¹
F: Forced
S: Scheduled

²
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training &
License Examination
F-Administrative
G-Operational Error (Explain)
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-
1022)
⁵
Exhibit I - Same Source

DATE: December, 1991

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown. February 29, 1992
3. Scheduled date for restart following refueling. April 27, 1992
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. TS changes per GL 88-16 incorporating use of a Core Operating Limits Report (COLR) was submitted to the NRC.
5. Scheduled date(s) for submitting proposed licensing action and supporting information. COLR was submitted to the NRC November 7, 1991.
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 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: 1995 (Loss of fullcore offload capability)