



December 16, 1991

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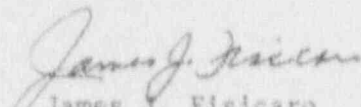
U. S. Nuclear Regulatory Commission
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SUBJECT: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Monthly Operating Report

Gentlemen:

The Arkansas Nuclear One - Unit 1 Monthly Operating Report (MOR) for November, 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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OPERATING DATA REPORT

DOCKET NO: 57-313
 DATE: November, 1991
 COMPLETED BY: K. R. Hayes
 TELEPHONE: (501) 964-5535

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: November 1-30, 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	720.0	8,016.0	148,579.0
12. Number of Hours Reactor was Critical	720.0	7,405.8	105,117.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	720.0	7,250.1	102,988.8
15. Unit Reserve Shutdown Hours ..	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	1,824,577.0	18,215,835.0	233,271,952.0
17. Gross Electrical Energy Generated (MWH)	628,375.0	6,196,635.0	77,620,330.0
18. Net Electrical Energy Generated (MWH)	602,112.0	5,909,113.0	73,743,848.0
19. Unit Service Factor	100.0	90.4	69.3
20. Unit Availability Factor	100.0	90.4	69.9
21. Unit Capacity Factor (Using MDC Net)	100.0	88.2	59.4
22. Unit Capacity Factor (Using DEC Net)	98.4	86.7	58.4
23. Unit Forced Outage Rate	0.0	3.9	12.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>1R11 Refueling Outage is scheduled to begin March, 1992 and the unit is scheduled to restart May, 1992.</u>			
25. If Shut Down At End of Report Period. Estimated Date of Startup: _____			
26. Units in Test Stz. (Prior to Commercial Operation): _____			

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-313
UNIT: One
DATE: November, 1991
COMPLETED BY: K. R. Hayes
TELEPHONE: (501) 964-5535

MONTH November, 1991

D-Y AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	817
2	849
3	850
4	850
5	849
6	850
7	847
8	849
9	849
10	849
11	850
12	687
13	696
14	847
15	847
16	847
17	846
18	846
19	846
20	845
21	846
22	848
23	848
24	849
25	849
26	840
27	848
28	850
29	846
30	850

AVGS: 836

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.

NRC MONTHLY OPERATING REPORT

OPERATING SUMMARY

NOVEMBER 1991

UNIT ONE

Unit One began the month operating at 93% power while a waterbox was isolated to repair a condenser tube leak. The unit was returned to full power on the first at 0955 hours. On the seventh at 0840 hours, the unit's load was reduced to 95% due to decreasing condenser vacuum caused by waterbox fouling. Full power was restored on the same day at 0955 hours. On the twelfth at 1210 hours, power was dropped to 58% to allow for the repair of a low pressure feedwater heater tube leak. The feedwater heater was successfully repaired and the unit was returned to full power on the thirteenth at 1130 hours. On the twentieth at 2020 hours, the unit's load was reduced to 93% to perform the monthly throttle and governor valve surveillance. The test was completed and the unit was returned to full power on the same day at 2200 hours. The unit operated at full power for the remainder of November.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR NOVEMBER, 1991

DOCKET NO. 50-313
 UNIT NAME ANO Unit J
 DATE December 6, 1991
 COMPLETED BY K. R. Hayes
 TELEPHONE (501) 964-5535

No.	Date	Type	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
91-14	911112	F	0	A	5	N/A	SJ	HX	Unit load reduction to repair a tube leak in Feedwater Heater E8A.

1	2	3	4	5
F: Forced S: Scheduled	Reason: A-Equipment Failure (Explain) B-Maintenance or Test C-Refueling D-Regulatory Restriction E-Operator Training & License Examinations F-Administrative G-Operational Error (Explain) H-Other (Explain)	Method: 1-Manual 2-Manual Scram. 3-Automatic Scram. 4-Continuation 5-Load Reduction 9-Other	Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-1022)	Exhibit I - Same Source

DATE: November, 1991

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown: March, 1992
3. Scheduled date for restart following refueling: May, 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 procedure

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)