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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:

Monthly Operating Report statistics for Arkansas Nuclear One, Unit 1, for December, 1992 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/JRH/jt
Attachments

IE24 1/1

cc: Mr. James L. Milhoan
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Region IV
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NRC Senior Resident Inspector
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U. S. Nuclear Regulatory Commission
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OPERATING DATA REPORT

DOCKET NO: 50-313
DATE: January 6, 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, 1992
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	8784.0	158107.0
12.	Number of Hours Reactor was Critical	744.0	7137.8	112999.0
13.	Reactor Reserve Shutdown Hours	0.0	0.0	5044.0
14.	Hours Generator On-Line	744.0	[illegible]	110821.7
15.	Unit Reserve Shutdown Hours	0.0	0.0	817.5
16.	Gross Thermal Energy Generated (MWH)	1909754	17955716	253137154
17.	Gross Electrical Energy Generated (MWH)	655765	6099330	84377870
18.	Net Electrical Energy Generated (MWH)	628841	5825353	80200601
19.	Unit Service Factor	100.0	80.7	70.1
20.	Unit Availability Factor	100.0	80.7	70.6
21.	Unit Capacity Factor (Using MDC Net)	101.1	79.3	60.7
22.	Unit Capacity Factor (Using DEC Net)	99.4	78.0	59.7
23.	Unit Forced Outage Rate	0.0	0.1	11.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

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 6, 1992
COMPLETED BY: K. R. Hayes
TELEPHONE: (501) 964-5535

MONTH December, 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	845
2	846
3	846
4	845
5	846
6	846
7	846
8	846
9	346
10	845
11	845
12	845
13	845
14	845
15	845
16	843
17	844
18	838
19	846
20	846
21	846
22	846
23	846
24	846
25	846
26	846
27	846
28	846
29	846
30	845
31	846
AVGS:	845

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

DECEMBER 1992

UNIT ONE

Unit one began the month operating at 100% power. On the seventeenth at 23:47 hours, the unit load was decreased to 98% to allow the isolation of a condenser waterbox for manual cleaning. The unit was returned to full power at 00:57 hours of the following day. On the eighteenth at 18:50 hours, the unit load was decreased to 97% to perform scheduled testing of the turbine throttle/governor valves. The unit power was then returned to 100% at 20:32 hours on the same day. The unit operated at full power for the remainder of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR DECEMBER, 1992

DOCKET NO.	50-313
UNIT NAME	ANO Unit 1
DATE	January 9, 1993
COMPLETED BY	K. R. Hayes
TELEPHONE	501-964-5535

NO.	DATE	TYPE[1]	DURATION (HOURS)	REASON[2]	METHOD OF SHUTTING DOWN REACTOR[3]	LICENSEE EVENT REPORT #	SYSTEM CODE[4]	COMPENENT CODE[5]	CAUSE & CORRECTIVE ACTION TO PREVENT RECURREN Σ
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:
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

DATE: December, 1992

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1

2. Scheduled date for next refueling shutdown. September 17, 1993

3. Scheduled date for restart following refueling. November 12, 1993

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 change to increase fuel enrichment from 3.5% to 4.1%.

5. Scheduled date(s) for submitting proposed licensing action and supporting information. The Technical Specification change request was submitted to the NRC on June 27, 1991 (1CAN069108).

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) 625

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)