



Entergy Operations

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June 12, 1992

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

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 May, 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/SAB/sjf
Attachment

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OPERATING DATA REPORT

DOCKET NO: 50-313
 DATE: June 5, 1992
 COMPLETED BY: K. R. Hayes
 TELEPHONE: (501) 964-5535

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: May 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	3,647.0	152,970.0
12. Number of Hours Reactor was Critical	584.3	2,000.8	107,862.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	535.8	1,951.9	105,684.7
15. Unit Reserve Shutdown Hours ..	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	1,247,130.0	4,804,729.0	239,986,167.0
17. Gross Electrical Energy Generated (MWH)	417,755.0	1,643,655.0	79,922,195.0
18. Net Electrical Energy Generated (MWH)	394,103.0	1,560,247.0	75,935,495.0
19. Unit Service Factor	72.0	53.5	69.1
20. Unit Availability Factor	72.0	53.5	69.6
21. Unit Capacity Factor (Using MDC Net)	63.4	51.2	59.4
22. Unit Capacity Factor (Using DEC Net)	62.3	50.3	58.4
23. Unit Forced Outage Rate	0.9	0.2	12.3
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</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: June 5, 1992
 COMPLETED BY: K. R. Hayes
 TELEPHONE: (501) 964-5535

MONTH May, 1992

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	.....	-7
2	.....	-7
3	.....	-8
4	.....	-18
5	.....	-31
6	.....	-32
7	.....	-33
8	.....	-33
9	.....	22
10	.....	329
11	.....	263
12	.....	320
13	.....	770
14	.....	835
15	.....	736
16	.....	829
17	.....	830
18	.....	830
19	.....	831
20	.....	831
21	.....	830
22	.....	830
23	.....	831
24	.....	831
25	.....	832
26	.....	833
27	.....	834
28	.....	834
29	.....	836
30	.....	837
31	.....	835

AVGS: 530

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.

MONTHLY OPERATING REPORT

OPERATING SUMMARY

MAY, 1992

UNIT ONE

Unit One began the month in the 1R10 refueling outage. The refueling outage ended at 10:48 hours on the ninth. Normal post-outage power escalation began at this time. At 21:00 hours on the same day power was reduced, and the unit was taken off-line at 22:35 hours, to perform planned turbine overspeed testing. The unit was put back online at 23:18 hours on the ninth following the overspeed test. The unit ramped to 40% power for physics testing, and then began ramping to 75% power for physics testing. At 22:00 hours on the tenth, the power increase was stopped, and power was decreased to 40%, due to a steam leak on the "A" Feedwater pump. During this time, physics testing continued. At 22:30 hours on the eleventh, the unit began ramping off-line to repair a boot on the ventilation duct of the Unit Auxiliary transformer. The unit went off-line at 23:27 hours on the eleventh. At 04:11 hours on the twelfth, the unit was returned to service. Power escalation to 90% commenced; physics testing (at 90% power) began at 05:30 hours on the thirteenth and ended at 10:30 hours on the same day. Power escalation to 100% began at this time and the unit reached full power at 16:02 hours on the thirteenth. On the fifteenth at 18:40 hours, the unit commenced a plant runback due to an Electro-Hydraulic (EH) fluid leak. Power was decreased to 30% until the leak was repaired. The unit returned to full power at 00:25 hours on the sixteenth. The unit operated at full power for the remainder of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR MAY, 1992

DOCKET NO.	50-313
UNIT NAME	ANO Unit 1
DATE	June 8, 1992
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
92-01	920501	S	202.8	C	4	NA	ZZ	ZZZZZZ	Unit offline continuing 1R10 refueling outage.
92-02	920509	S	0.7	B	5	NA	ZZ	ZZZZZZ	Post refueling outage turbine overspeed trip test.
92-03	920511	F	4.7	A	5	NA	EL	IFBU	Unit offline to repair a boot on the venti- lation ductwork of the unit aux. transformer.

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: May, 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) 623
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 168 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)