## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-313
UNIT ANO-Unit-1
DATE 12/14/79
COMPLETED BY L. S. Bramlett
TELEPHONE 501/968-2519

MONTH November 1979

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|---|---|---|---|
| 1 | 0 | 17 | 0 |
| 2 | 0 | 18 | 0 |
| 3 | 0 | 19 | 0 |
| 4 | 0 | 20 | 262 |
| 5 | 0 | 21 | 279 |
| 6 | 0 | 22 | 650 |
| 7 | 0 | 23 | 793 |
| 8 | 0 | 24 | 815 |
| 9 | 0 | 25 | 817 |
| 10 | 0 | 26 | 820 |
| 11 | 0 | 27 | 824 |
| 12 | 0 | 28 | 826 |
| 13 | 0 | 29 | 828 |
| 14 | 0 | 30 | 827 |
| 15 | 0 | 31 | NA |
| 16 | 0 | | |

**INSTRUCTIONS**

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

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## OPERATING DATA REPORT

DOCKET NO. 50-313
DATE 12/14/79
COMPLETED BY L. S. Bramlett
TELEPHONE 501/968-2519

### OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: November 1-30, 1979
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:
   None

Notes

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

| | This Month | Yr.-to-Date | Cumulative |
|---|---|---|---|
| 11. Hours In Reporting Period | 720.0 | 8016.0 | 43387.0 |
| 12. Number Of Hours Reactor Was Critical | 275.0 | 3685.3 | 29395.4 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 2257.5 | 4247.4 |
| 14. Hours Generator On-Line | 262.1 | 3514.6 | 28728.3 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 591.5 | 796.7 |
| 16. Gross Thermal Energy Generated (MWH) | 587982.0 | 8557997.0 | 69364706.0 |
| 17. Gross Electrical Energy Generated (MWH) | 195340.0 | 2842175.0 | 23082856.0 |
| 18. Net Electrical Energy Generated (MWH) | 185747.0 | 2712411.0 | 22022957.0 |
| 19. Unit Service Factor | 36.4 | 43.8 | 66.2 |
| 20. Unit Availability Factor | 36.4 | 51.2 | 68.1 |
| 21. Unit Capacity Factor (Using MDC Net) | 30.9 | 40.5 | 60.7 |
| 22. Unit Capacity Factor (Using DER Net) | 30.4 | 39.8 | 59.7 |
| 23. Unit Forced Outage Rate | 0.0 | 40.2 | 15.9 |

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 | | |
| INITIAL ELECTRICITY | | |
| COMMERCIAL OPERATION | | |

DATE: November 1979

# REFUELING INFORMATION

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

2. Scheduled date for next refueling shutdown. 11/01/1980

3. Scheduled date for restart following refueling. 01/01/1981

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 these 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, Reload Report and associated proposed Technical Specification Changes.

5. Scheduled date(s) for submitting proposed licensing action and supporting information. 09/01/1980

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.

   Will reload 68 fresh fuel assemblies and operate for approximately 16 months.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 176

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 590 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: 1986

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# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November

DOCKET NO. 50-313
UNIT NAME ANO - Unit 1
DATE 12/14/79
COMPLETED BY L.S. Bramlett
TELEPHONE 501 968-2519

| No. | Date | Type[1] | 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 |
|---|---|---|---|---|---|---|---|---|---|
| 79-05 | 791020 | S | 457.9 | H | 1 | NA | HH<br>RC | PUMPXX<br>INSTRU | Commitment to NRC to provide vital power to P7B, Emergency Feedwater pump and modify In-Core Temperature Detection Devices. |

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-Other (Explain)

4
Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5
Exhibit I - Same Source

(9/77)

NRC MONTHLY OPERATING REPORT

OPERATING SUMMARY - NOVEMBER 1979 UNIT I

The unit was off line for the first 19 days of the month. This outage was scheduled for provision of vital power to P7B Emergency Feedwater Pump and modification of In-Core Temperature Detection Devices per NRC requirements. Also, maintenance was performed on Reactor Coolant Pump Seals. On November 20, the unit was placed on line and held a 40% power until repairs were made on "A" Main Feedwater Pump. On November 24, the unit reached 100% power and operated there for the remainder of the month.