AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-313
UNIT ANO-1
DATE 3/13/81
COMPLETED BY L. S. Bramlett
TELEPHONE (501)968-2519

MONTH February 1981

| 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 | 0 |
| 5 | 0 | 21 | 0 |
| 6 | 0 | 22 | 0 |
| 7 | 0 | 23 | 0 |
| 8 | 0 | 24 | 0 |
| 9 | 0 | 25 | 0 |
| 10 | 0 | 26 | 0 |
| 11 | 0 | 27 | 0 |
| 12 | 0 | 28 | 0 |
| 13 | 0 | 29 | N/A |
| 14 | 0 | 30 | N/A |
| 15 | 0 | 31 | N/A |
| 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.

(9/77)

8103230569

# OPERATING DATA REPORT

DOCKET NO. 50-313
DATE 3/13/81
COMPLETED BY L. S. Bramlett
TELEPHONE (501)968-2519

## OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: February 1-28, 1981
3. Licensed Thermal Power (MWt): 2568
4. Nameplate Rating (Gross MWe): 902.75
5. Design Electrical Rating (Net MWe): 850
6. Maximum Dependable Capacity (Gross MWe): 883
7. Maximum Dependable Capacity (Net MWe): 836

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

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 | 672.0 | 1,416.0 | 54,331.0 |
| 12. Number Of Hours Reactor Was Critical | 0.0 | 48.6 | 35,838.9 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 4,895.0 |
| 14. Hours Generator On-Line | 0.0 | 47.1 | 35,092.1 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 817.5 |
| 16. Gross Thermal Energy Generated (MWH) | 0.0 | 82,421.0 | 84,255,637.0 |
| 17. Gross Electrical Energy Generated (MWH) | 0.0 | 25,275.0 | 27,723,836.0 |
| 18. Net Electrical Energy Generated (MWH) | 0.0 | 23,993.0 | 26,439,632.0 |
| 19. Unit Service Factor | 0.0 | 3.3 | 64.6 |
| 20. Unit Availability Factor | 0.0 | 3.3 | 66.1 |
| 21. Unit Capacity Factor (Using MDC Net) | 0.0 | 2.0 | 58.2 |
| 22. Unit Capacity Factor (Using DER Net) | 0.0 | 2.0 | 57.3 |
| 23. Unit Forced Outage Rate | 0.0 | 0.0 | 17.3 |

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: March 15, 1981
26. Units In Test Status (Prior to Commercial Operation):

| | Forecast | Achieved |
|---|---|---|
| INITIAL CRITICALITY | | |
| INITIAL ELECTRICITY | | |
| COMMERCIAL OPERATION | | |

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February

DOCKET NO. 50-313
UNIT NAME ANO - Unit 1
DATE 3/13/81
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 |
|---|---|---|---|---|---|---|---|---|---|
| 81-01 | 810102 | S | 672 | C | 1 | NONE | Z | ZZZZZZ | NOT APPLICABLE |

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

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DATE: March 1981

# REFUELING INFORMATION

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

2. Scheduled date for next refueling shutdown. 1/2/81 (Shutdown)

3. Scheduled date for restart following refueling. 3/15/81

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. Also, the safety analysis of four demonstration high burn-up assemblies will be provided.

5. Scheduled date(s) for submitting proposed licensing action and supporting information. Has been submitted and approved.

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. Four of which will be high burn-up test assemblies.

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 589 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

NRC MONTHLY OPERATING REPORT

Operating Summary - February 1981

Unit I

The unit was in cold shutdown for refueling.