

VIRGINIA ELECTRIC AND POWER COMPANY

NORTH ANNA POWER STATION

MONTHLY OPERATING REPORT

MONTH Sept. YEAR 1978

(Revised 11-05-79)

SUBMITTED:



SUPERINTENDENT - OPERATIONS

APPROVED:



MANAGER

1367 298

7911200565

POOR ORIGINAL

OPERATING DATA REPORT

DOCKET NO. 50-338
 DATE 11-5-79
 COMPLETED BY W. R. Madison
 TELEPHONE (703) 894-5151

OPERATING STATUS

1. Unit Name: North Anna
2. Reporting Period: September 1978 (Revised)
3. Licensed Thermal Power (MWt): 2775
4. Nameplate Rating (Gross MWe): 947
5. Design Electrical Rating (Net MWe): 907
6. Maximum Dependable Capacity (Gross MWe): 928
7. Maximum Dependable Capacity (Net MWe): 898
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
N/A

Notes

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

| | This Month | Yr.-to-Date | Cumulative |
|--|------------|-------------|------------|
| 11. Hours In Reporting Period | 720 | 2,808 | 2,808 |
| 12. Number Of Hours Reactor Was Critical | 526.7 | 2,562.7 | 2,562.7 |
| 13. Reactor Reserve Shutdown Hours | 1 | 23.4 | 23.4 |
| 14. Hours Generator On-Line | 526.4 | 2,554.2 | 2,554.2 |
| 15. Unit Reserve Shutdown Hours | 0 | 0 | 0 |
| 16. Gross Thermal Energy Generated (MWH) | 1,436,384 | 6,629,199 | 6,629,199 |
| 17. Gross Electrical Energy Generated (MWH) | 462,507 | 2,123,910 | 2,123,910 |
| 18. Net Electrical Energy Generated (MWH) | 436,174 | 1,989,097 | 1,989,097 |
| 19. Unit Service Factor | 73.1 | 91.0 | 91.0 |
| 20. Unit Availability Factor | 73.1 | 91.0 | 91.0 |
| 21. Unit Capacity Factor (Using MDC Net) | 67.5 | 78.9 | 78.9 |
| 22. Unit Capacity Factor (Using DER Net) | 66.8 | 78.1 | 78.1 |
| 23. Unit Forced Outage Rate | 0 | 0.4 | 0.4 |
| 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: Oct. 3, 1978

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

1367 299

(9/77)