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VIRGINIA ELECTRIC AND POWER COMPANY


NORTH ANNA POWER STATION

MONTHLY OPERATING REPORT


MONTH August YEAR 1979

Revised 1-29-80

SUBMITTED:

  
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SUPERINTENDENT - OPERATIONS

APPROVED:

  
\_\_\_\_\_  
MANAGER

1937 195

8002070

394

OPERATING DATA REPORT

DOCKET NO. 50-333  
 DATE 1/29/79  
 COMPLETED BY W. R. Madison  
 TELEPHONE (703)894-5151

OPERATING STATUS

1. Unit Name: North Anna, Unit 1
2. Reporting Period: August 1979 (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 Restriction, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>5,831</u>	<u>10,848</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>4,896.2</u>	<u>9,583</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>48.7</u>	<u>145.5</u>
14. Hours Generator On-Line	<u>744</u>	<u>4,819.3</u>	<u>9,471</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,044,516</u>	<u>12,948,750</u>	<u>25,145,545</u>
17. Gross Electrical Energy Generated (MWH)	<u>633,364</u>	<u>4,100,119</u>	<u>8,000,556</u>
18. Net Electrical Energy Generated (MWH)	<u>597,935</u>	<u>3,868,122</u>	<u>7,532,702</u>
19. Unit Service Factor	<u>100</u>	<u>82.6</u>	<u>87.3</u>
20. Unit Availability Factor	<u>100</u>	<u>92.6</u>	<u>87.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>89.5</u>	<u>73.9</u>	<u>77.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>88.6</u>	<u>73.1</u>	<u>76.6</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>5.3</u>	<u>3.5</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling; September, October, November, December; 12 weeks

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____