VIRGINIA ELECTRIC AND POWER COMPANY

NORTH ANNA POWER STATION

MONTHLY OPERATING REPORT

MONTH Dec. YEAR 1978

(Revised 11-05-79)

SUBMITTED:

SUPERINTENDENT - OPERATIONS

APPROVED:

MANAGER

OPERATING DATA REPORT

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

POOR ORIGINAL

OPERATING STATUS

1. Unit Name: North Anna Unit 1
2. Reporting Period: December 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
9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

Notes

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5,017	5,017
12. Number Of Hours Reactor Was Critical	727.9	4,686.8	4,686.8
13. Reactor Reserve Shutdown Hours	16.1	96.8	96.8
14. Hours Generator On-Line	725.4	4,651.7	4,651.7
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,922,519	12,196,795	12,196,795
17. Gross Electrical Energy Generated (MWH)	609,555	3,900,437	3,900,437
18. Net Electrical Energy Generated (MWH)	574,467	3,664,580	3,664,580
19. Unit Service Factor	97.5	92.7	92.7
20. Unit Availability Factor	97.5	92.7	92.7
21. Unit Capacity Factor (Using MDC Net)	86.0	81.3	81.3
22. Unit Capacity Factor (Using DER Net)	85.1	80.5	80.5
23. Unit Forced Outage Rate	2.5	1.5	1.5

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Snubber Inspection April 1979, 1 week

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

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		