

VIRGINIA ELECTRIC AND POWER COMPANY

NORTH ANNA POWER STATION

MONTHLY OPERATING REPORT

MONTH Feb. YEAR 1979

(Revised 11-05-79)

SUBMITTED:

W. Kellars
SUPERINTENDENT - OPERATIONS

APPROVED:

W. C. Cantley
MANAGER

1367 310

2011200577

OPERATING DATA REPORT

POOR ORIGINAL

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: February 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 Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	672	1,416	6,433
12. Number Of Hours Reactor Was Critical	609.5	1,250.2	5,937
13. Reactor Reserve Shutdown Hours	28.4	28.4	125.2
14. Hours Generator On-Line	600.4	1,241.1	5,892.8
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,601,344	3,311,509	15,508,304
17. Gross Electrical Energy Generated (MWH)	509,720	1,054,185	4,954,622
18. Net Electrical Energy Generated (MWH)	480,460	993,870	4,658,450
19. Unit Service Factor	89.3	87.6	91.6
20. Unit Availability Factor	89.3	87.6	91.6
21. Unit Capacity Factor (Using MDC Net)	79.6	78.2	80.6
22. Unit Capacity Factor (Using DER Net)	78.8	77.4	79.8
23. Unit Forced Outage Rate	10.6	12.4	4.0

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Snubber Inspection March 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):

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast
Achieved

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UNIT SHUTDOWN AND POWER REDUCTIONS

EXPLANATION SHEET

DOCKET NO. 50-338REPORT MONTH Feb. (Revised) UNIT NAME North AnnaYEAR 1979 DATE 11-5-79COMPLETED BY W. R. MADISON

NOTE: Shutdown 79-1 was concluded at 1624 on 2-3-79. 64.4 hours.

79-2 (B) Hydraulic fluid, used to control the main turbine governor valves and trip valves had begun to leak from a joint in the EHC pump discharge header several days earlier. The unit was shutdown over the weekend to facilitate maintenance. The joint was rewelded and the unit was returned to service after 7.2 hours.

79-2 (4) Reactor was not shutdown.

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