

VIRGINIA ELECTRIC AND POWER COMPANY


NORTH ANNA POWER STATION

MONTHLY OPERATING REPORT

MONTH June YEAR 1979

(Revised 11-05-79)

SUBMITTED:



SUPERINTENDENT - OPERATIONS

APPROVED:



MANAGER

1367 324

7911200586

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, Unit 1
2. Reporting Period: June 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	720	4,343	9,360
12. Number Of Hours Reactor Was Critical	720	3,408.2	8,455
13. Reactor Reserve Shutdown Hours	0	48.7	145.5
14. Hours Generator On-Line	720	3,331.3	7,983
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,945,847	8,916,895	21,113,690
17. Gross Electrical Energy Generated (MWH)	617,457	2,846,527	6,746,964
18. Net Electrical Energy Generated (MWH)	583,847	2,684,748	6,349,328
19. Unit Service Factor	100	76.7	85.3
20. Unit Availability Factor	100	76.7	85.3
21. Unit Capacity Factor (Using MDC Net)	90.3	68.8	75.5
22. Unit Capacity Factor (Using DER Net)	89.4	68.1	74.8
23. Unit Forced Outage Rate	0	7.5	4.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling; September, October and November; 11 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

Forecast	Achieved
_____	_____
_____	_____
_____	_____

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(0/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-338

UNIT NAME North Anna Unit #1

DATE 11-5-79

COMPLETED BY W. R. Madison

TELEPHONE (703) 894-5151

REPORT MONTH June 1979 (Revised)

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
79-12	THIS PERIOD OF SIGNIFICANT POWER REDUCTION WAS CONCLUDED ON 6-1-79 AT 2135, WHEN "C" MAIN FEEDPUMP WAS RETURNED TO NORMAL SERVICE.								

POOR ORIGINAL

1
F: Forced
S: Scheduled

2
Reason:
A-Equipment Failure (Explain)
B-Maintenance of 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

(9/77)

*See Attached Sheet.

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UNIT SHUTDOWN AND POWER REDUCTIONS

EXPLANATION SHEET

DOCKET NO. 50-338

REPORT MONTH June (Revised) UNIT NAME North Anna #1

YEAR 1979 DATE 11-5-79

COMPLETED BY W. R. MADISON

79-12 (A) High bearing temperature on "C" main feedpump required a reduction in megawatt load when the feedpump was removed from service.

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