

VIRGINIA ELECTRIC AND POWER COMPANY

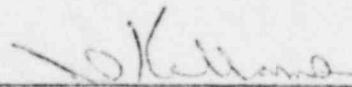
NORTH ANNA POWER STATION

MONTHLY OPERATING REPORT

MONTH April YEAR 1979

(Revised 11-05-79)

SUBMITTED:



SUPERINTENDENT - OPERATIONS

APPROVED:



MANAGER

1367 315

7911200582

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: April 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

Notes

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	719	2,879	7,896
12. Number Of Hours Reactor Was Critical	4.8	1,986	6,672.8
13. Reactor Reserve Shutdown Hours	0	36.9	133.7
14. Hours Generator On-Line	0	1,940	6,591.7
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	5,155,675	17,352,470
17. Gross Electrical Energy Generated (MWH)	0	1,648,215	5,548,652
18. Net Electrical Energy Generated (MWH)	0	1,553,280	5,217,860
19. Unit Service Factor	0	67.4	83.5
20. Unit Availability Factor	0	67.4	83.5
21. Unit Capacity Factor (Using MDC Net)	0	60.1	73.6
22. Unit Capacity Factor (Using DER Net)	0	59.5	72.8
23. Unit Forced Outage Rate	100	10.4	4.3

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling; September, October and November 1979; 8 weeks

25. If Shut Down At End Of Report Period, Estimated Date of Startup: May 1, 1979

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

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

1367 316

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-338
 UNIT NAME North Anna
 DATE 11-5-79
 COMPLETED BY W. P. Madison
 TELEPHONE (703) 894-5151

REPORT MONTH April 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
* Shutdown	79-5		Continues for			5.2 hours into	April		
79-6	790401	S	714.8	B*	4*	N/A	N/A	N/A	Commenced scheduled Snubber inspection outage.

POOR ORIGINAL

1367 317

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or 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
 Shutdown 79-6 continued into May.

UNIT SHUTDOWN AND POWER REDUCTIONS

EXPLANATION SHEET

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

- 79-5 The unit was removed from the line due to manual turbine generator/ reactor trip March 30, 1979 at 1414. Although the reactor was brought to critical twice prior to the end of the month of March and finally shutdown at 0448 April 1, 1979, the turbine generator was never placed on the grid.
- 79-6(B) Reactor and turbine generator remained shutdown for duration of the month due to scheduled outage repairs, repair of the 4 moisture separator reheaters, service water system modification, 18 month scheduled testing of containment penetration valves, structural bracing of the regenerative heat exchanger, service water expansion joint and piping repair, replacement #1 and #4 turbine governor valves, reactor coolant pump flow splitter inspection and safeguard piping hanger inspection.
- 79-6 (4) The reactor was already shutdown from event 79-5.

1367 318