

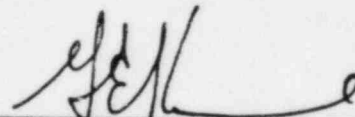
VIRGINIA ELECTRIC AND POWER COMPANY

NORTH ANNA POWER STATION

MONTHLY OPERATING REPORT

MONTH April YEAR 1983

APPROVED:



STATION MANAGER

*for*

IE24

OPERATING DATA REPORT

DOCKET NO. 50-338  
 DATE 05-02-83  
 COMPLETED BY G. D. Schmitendorf  
 TELEPHONE (703) 894-5151 X2117

OPERATING STATUS

Notes

1. Unit Name: North Anna 1
2. Reporting Period: April 1983
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): 918
7. Maximum Dependable Capacity (Net MWe): 865
8. If Changes Occur in Capacity Ratings (Items No. 3 thru 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	42,960
12. Number of Hours Reactor Was Critical	719	1,241.6	28,364.6
13. Reactor Reserve Shutdown Hours	0	120.8	2,118.9
14. Hours Generator On-Line	719	1,162	27,544.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,992,115	3,012,993	71,273,347
17. Gross Electrical Energy Generated (MWH)	667,677	1,009,290	22,793,822
18. Net Electrical Energy Generated (MWH)	634,903	957,003	21,477,736
19. Unit Service Factor	100	40.4	64.1
20. Unit Availability Factor	100	40.4	64.1
21. Unit Capacity Factor (Using MDC Net)	102.1	38.4	57.8
22. Unit Capacity Factor (Using DER Net)	97.4	36.6	55.1
23. Unit Forced Outage Rate	0	59.6	12.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

Scheduled Maintenance, 10-07-83, 10 Days

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

7  
7

Forecast

Achieved

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-338

UNIT NA-1

DATE 05-02-83

COMPLETED BY G. Schmitendorf

TELEPHONE 703-894-5151X2117

MONTH April

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>886</u>	17	<u>885</u>
2	<u>880</u>	18	<u>883</u>
3	<u>882</u>	19	<u>883</u>
4	<u>882</u>	20	<u>883</u>
5	<u>885</u>	21	<u>884</u>
6	<u>885</u>	22	<u>884</u>
7	<u>886</u>	23	<u>874</u>
8	<u>885</u>	24	<u>884</u>
9	<u>879</u>	25	<u>884</u>
10	<u>885</u>	26	<u>884</u>
11	<u>885</u>	27	<u>884</u>
12	<u>884</u>	28	<u>884</u>
13	<u>887</u>	29	<u>883</u>
14	<u>886</u>	30	<u>877</u>
15	<u>885</u>	31	<u>      </u>
16	<u>877</u>		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-338  
 UNIT NAME North Anna 1  
 DATE 05-02-83  
 COMPLETED BY G. D. Schmitendorf  
 TELEPHONE (703) 894-5151 X2117

REPORT MONTH April

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
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NONE North Anna 1 operated at full power with no outages or significant reductions during April.

<sup>1</sup>	<sup>2</sup>	<sup>3</sup>	<sup>4</sup>
F: Forced S: Scheduled	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)	Method: 1-Manual 2-Manual Scram. 3-Automatic Scram 4-Continuations 5-Load Reduction 9-Other	Exhibit F - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)  5 Exhibit H - Same Source

UNIT SHUTDOWN AND POWER REDUCTIONS

EXPLANATION SHEET      DOCKET NO. 50-338

REPORT MONTH April      UNIT NAME NA-1

YEAR 1983      DATE 05-02-83

COMPLETED BY G. D. Schmitendorf

No Shutdowns or Power Reductions this month.

11  
11  
11

OPERATING DATA REPORT

DOCKET NO. 50-339  
 DATE 05-02-83  
 COMPLETED BY G. D. Schmitendorf  
 TELEPHONE (703) 894-5151 X2117

OPERATING STATUS

Notes

1. Unit Name: North Anna 2
2. Reporting Period: April 1983
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): 939
7. Maximum Dependable Capacity (Net MWe): 890
8. If Changes Occur in Capacity Ratings (Items No. 3 thru 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	20,831
12. Number of Hours Reactor Was Critical	26.2	2,099.3	14,602.4
13. Reactor Reserve Shutdown Hours	0	135.8	2,157.6
14. Hours Generator On-Line	25.3	2,049.5	14,502.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	63,013	5,400,027	37,126,047
17. Gross Electrical Energy Generated (MWH)	20,984	1,767,042	12,356,338
18. Net Electrical Energy Generated (MWH)	19,856	1,674,784	11,724,402
19. Unit Service Factor	3.5	71.2	69.6
20. Unit Availability Factor	3.5	71.2	69.6
21. Unit Capacity Factor (Using MDC Net)	3.1	65.4	63.2
22. Unit Capacity Factor (Using DER Net)	3.0	64.1	62.1
23. Unit Forced Outage Rate	0	6.2	18.3
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 05-16-83
26. Units In Test Status (Prior to Commercial Operation):

Forecast                      Achieved

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-339

UNIT NA-2

DATE 05-02-83

COMPLETED BY G. Schmitendorf

TELEPHONE 703-894-5151X2117

MONTH April

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>819</u>	17	<u>0</u>
2	<u>9</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</u>
16	<u>0</u>		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-339  
 UNIT NAME North Anna 2  
 DATE 05-02-83  
 COMPLETED BY G. D. Schmitendorf  
 TELEPHONE (703) 894-5151 X2117

REPORT MONTH April

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
83-06	830402	S	693.7	C	1	NA	NA	NA	Scheduled Refueling Outage.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram  
 4-Continuations  
 5-Load Reduction  
 9-Other

<sup>4</sup>  
 Exhibit F - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File  
 (NUREG-0161)

<sup>5</sup>  
 Exhibit H - Same Source

UNIT SHUTDOWN AND POWER REDUCTIONS

EXPLANATION SHEET      DOCKET NO. 50-339

REPORT MONTH April      UNIT NAME NA-2

YEAR 1983      DATE 05-02-83

COMPLETED BY G. D. Schmitendorf

83-06      (C)      (1)      At 0211 on April 2, 1983 a Reactor Shutdown was commenced as part of the scheduled Refueling Outage. The unit entered Mode 5 (Cold Shutdown) at 0436 on April 3, 1983. The outage is scheduled to last 6 weeks, with the unit returning to On-line the third week of May.

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VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

W. L. STEWART  
VICE PRESIDENT  
NUCLEAR OPERATIONS

May 13, 1983

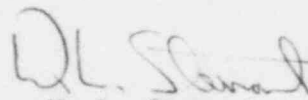
Mr. N. M. Haller, Director  
Office of Management and Program Analysis  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Serial No. 280  
NO/JHL:acm  
Docket Nos. 50-338  
50-339  
License Nos. NPF-4  
NPF-7

Dear Mr. Haller:

Enclosed is the Monthly Operating Report for North Anna Power Station Unit Nos. 1 and 2 for the month of April, 1983.

Very truly yours,

  
W. L. Stewart

Enclosure (3 copies)

cc: Mr. R. C. DeYoung, Director (12 copies)  
Office of Inspection and Enforcement

Mr. James P. O'Reilly (1 copy)  
Regional Administrator  
Region II

IE24  
1/1