

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

September 11, 2001

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D. C. 20555

Serial No. 01-557
NAPS/JHL
Docket Nos. 50-338
50-339
License Nos. NPF-4
NPF-7

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNIT NOS. 1 AND 2
MONTHLY OPERATING REPORT

Enclosed is the August 2001 Monthly Operating Report for North Anna Power Station Units 1 and 2.

Very truly yours,



D. A. Heacock
Site Vice President

Enclosure

Commitments made in this letter: None.

cc: U. S. Nuclear Regulatory Commission
Region II
Sam Nunn Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, Georgia 30303

Mr. M. J. Morgan
NRC Senior Resident Inspector
North Anna Power Station

FE24

**VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION
MONTHLY OPERATING REPORT
AUGUST 2001**

Approved:



Site Vice President

9-11-01

Date

OPERATING DATA REPORT

Docket No.: 50-338
 Date: 09/05/01
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

1. Unit Name:..... North Anna Unit 1
2. Reporting Period:..... August 2001
3. Licensed Thermal Power (MWt): 2,893
4. Nameplate Rating (Gross MWe):..... 979.74
5. Design Electrical Rating (Net MWe): 907
6. Maximum Dependable Capacity (Gross MWe):.... 971
7. Maximum Dependable Capacity (Net MWe):..... 925

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	Year-To-Date	Cumulative
11. Hours in Reporting Period	744.0	5,831.0	203,315.0
12. Hours Reactor Was Critical	744.0	5,831.0	164,098.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	7,239.5
14. Hours Generator On-Line	744.0	5,831.0	160,849.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,579,177.8	16,090,000.9	437,411,843.5
17. Gross Electrical Energy Generated (MWH)	534,048.0	5,446,678.0	181,311,394.0
18. Net Electrical Energy Generated (MWH)	500,404.0	5,178,054.0	136,876,831.0
19. Unit Service Factor	100.0%	100.0%	79.1%
20. Unit Availability Factor	100.0%	100.0%	79.1%
21. Unit Capacity Factor (Using MDC Net)	72.7%	96.0%	75.3%
22. Unit Capacity Factor (Using DER Net)	74.2%	97.9%	74.2%
23. Unit Forced Outage Rate	0.0%	0.0%	6.9%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): September 2001
 Type and duration of scheduled shutdowns are no longer provided.
(Reference: Letter Serial No. 00-070, dated February 11, 2000)

25. If Shut Down at End of Report Period, Estimated Date of Start-up: N/A

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

	FORECAST	ACHIEVED
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

AVERAGE DAILY UNIT POWER LEVEL

Docket No.: 50-338
Unit Name: North Anna Unit 1
Date: 09/05/01
Contact: D. A. Heacock
Telephone: (540) 894-2101

MONTH: August, 2001

<u>Day</u>	<u>Average Daily Power Level (MWe - Net)</u>	<u>Day</u>	<u>Average Daily Power Level (MWe - Net)</u>
1	765	17	669
2	744	18	662
3	744	19	653
4	742	20	650
5	734	21	647
6	724	22	636
7	721	23	630
8	718	24	631
9	714	25	629
10	711	26	622
11	696	27	609
12	689	28	608
13	689	29	607
14	686	30	589
15	673	31	588
16	672		

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.

Docket No.: 50-338
Unit Name: North Anna Unit 1
Date: 09/05/01
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 1
MONTH: August, 2001

SUMMARY OF OPERATING EXPERIENCE

Page 1 of 1

Listed below in chronological sequence is a summary of operating experiences for this month which required load reductions or resulted in significant non-load related incidents.

<u>Date</u>	<u>Time</u>	<u>Data</u>
August 1, 2001	0000	Began the month in Mode 1, 83.1% power, 813 MWe in an end of life power coastdown.
August 31, 2001	2400	Ended the month in Mode 1, 65% power, 627 MWe in an end of life power coastdown.

Docket No.: 50-338
 Unit Name: North Anna Unit 1
 Date: 09/05/01
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

UNIT SHUTDOWN AND POWER REDUCTION
 (EQUAL TO OR GREATER THAN 20%)

REPORT MONTH: August, 2001

Report No.	Date	(1) Type	Duration Hours	(2) Reason	(3) Method of Shutting Down Reactor	LER No.	(4) System Code	(5) Component Code	Cause & Corrective Action to Prevent Recurrence

None during the reporting period.

(1)
 F: Forced
 S: Scheduled

(2)
 REASON:
 A - Equipment Failure (Explain)
 B - Maintenance or Test
 C - Refueling
 D - Regulatory Restriction
 E - Operator Training & Licensing Examination
 F - Administrative
 G - Operational Error
 H - Other (Explain)

(3)
 METHOD:
 1 - Manual
 2 - Manual Scram
 3 - Automatic Scram
 4 - Continuations
 5 - Load Reduction
 9 - Other

(4)
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161)

(5)
 Exhibit H - Same Source

OPERATING DATA REPORT

Docket No.: 50-339
 Date: 09/05/01
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

1. Unit Name:..... North Anna Unit 2
2. Reporting Period:..... August, 2001
3. Licensed Thermal Power (MWt): 2,893
4. Nameplate Rating (Gross MWe):..... 979
5. Design Electrical Rating (Net MWe):..... 907
6. Maximum Dependable Capacity (Gross MWe):.... 963
7. Maximum Dependable Capacity (Net MWe):..... 917

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

	<u>This Month</u>	<u>Year-To-Date</u>	<u>Cumulative</u>
11. Hours in Reporting Period	744.0	5,831.0	181,583.0
12. Hours Reactor Was Critical	744.0	5,093.7	155,713.0
13. Reactor Reserve Shutdown Hours	0.0	70.2	7,408.8
14. Hours Generator On-Line	744.0	5,060.3	154,398.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2,151,049.4	13,905,964.7	425,574,927.9
17. Gross Electrical Energy Generated (MWH)	715,519.0	4,644,436.0	139,572,704.0
18. Net Electrical Energy Generated (MWH)	679,731.0	4,412,569.0	133,230,640.0
19. Unit Service Factor	100.0%	86.8%	85.0%
20. Unit Availability Factor	100.0%	86.8%	85.0%
21. Unit Capacity Factor (Using MDC Net)	99.6%	82.5%	81.6%
22. Unit Capacity Factor (Using DER Net)	100.7%	83.4%	80.9%
23. Unit Forced Outage Rate	0.0%	0.7%	4.2%

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

25. If Shut Down at End of Report Period, Estimated Date of Start-up: _____

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

	<u>FORECAST</u>	<u>ACHIEVED</u>
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

Docket No.: 50-339
Unit Name: North Anna Unit 2
Date: 09/05/01
Contact: D. A. Heacock
Telephone: (540) 894-2101

MONTH: August, 2001

<u>Day</u>	<u>Average Daily Power Level (MWe - Net)</u>	<u>Day</u>	<u>Average Daily Power Level (MWe - Net)</u>
1	915	17	914
2	915	18	911
3	915	19	910
4	915	20	913
5	914	21	915
6	913	22	915
7	913	23	915
8	912	24	914
9	911	25	915
10	911	26	915
11	911	27	914
12	913	28	914
13	914	29	915
14	914	30	914
15	914	31	915
16	914		

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.

Docket No.: 50-339
Unit Name: North Anna Unit 2
Date: 09/05/01
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 2
MONTH: August, 2001

SUMMARY OF OPERATING EXPERIENCE

Page 1 of 1

Listed below in chronological sequence is a summary of operating experiences for the month which required load reductions or resulted in significant non-load related incidents.

<u>Date</u>	<u>Time</u>	<u>Data</u>
August 1, 2001	0000	Began the month in Mode 1, 100% power, 975 MWe.
August 31, 2001	2400	Ended the month in Mode 1, 100% power, 958 MWe.

Docket No.: 50-339
 Unit Name: North Anna Unit 2
 Date: 09/05/01
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

UNIT SHUTDOWN AND POWER REDUCTION
 (EQUAL TO OR GREATER THAN 20%)

REPORT MONTH: August, 2001

Report No	Date	(1) Type	Duration Hours	(2) Reason	(3) Method of Shutting Down Reactor	LER No.	(4) System Code	(5) Component Code	Cause & Corrective Action to Prevent Recurrence

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