

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

September 11, 2003

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

Serial No. 03-476
NAPS/JRP
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, 2003, 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.

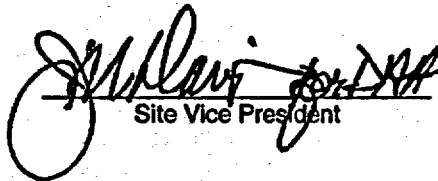
cc: U. S. Nuclear Regulatory Commission
Region II
Sam Nunn Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, Georgia 30303

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

IE24

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION
MONTHLY OPERATING REPORT
AUGUST 2003

Approved:


Site Vice President

9/9/03

Date

OPERATING DATA REPORT

Docket No.: 50-338
 Date: 09/11/03
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

1. Unit Name: North Anna Unit 1
2. Reporting Period: August, 2003
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

	<u>This Month</u>	<u>Year-To-Date</u>	<u>Cumulative</u>
11. Hours In Reporting Period	744.0	5,831.0	220,835.0
12. Hours Reactor Was Critical	744.0	4,311.6	179,367.4
13. Reactor Reserve Shutdown Hours	0.0	306.9	7,582.1
14. Hours Generator On-Line	744.0	4,272.3	176,061.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2,150,736.9	11,823,823.4	480,534,883.7
17. Gross Electrical Energy Generated (MWH)	723,824.0	3,994,039.0	195,927,654.0
18. Net Electrical Energy Generated (MWH)	688,303.0	3,790,388.0	150,774,290.0
19. Unit Service Factor	100.0%	73.3%	79.7%
20. Unit Availability Factor	100.0%	73.3%	79.7%
21. Unit Capacity Factor (Using MDC Net)	100.0%	70.3%	76.1%
22. Unit Capacity Factor (Using DER Net)	102.0%	71.7%	75.3%
23. Unit Forced Outage Rate	0.0%	5.6%	6.4%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A
 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
 Estimated start-up dates are no longer provided.
 (Reference: Letter Serial No. 00-070, dated February 11, 2000)

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.: 50-338
Unit Name: North Anna Unit 1
Date: 09/11/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

MONTH: August, 2003

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	925	17	926
2	926	18	926
3	927	19	925
4	926	20	926
5	925	21	925
6	925	22	925
7	925	23	925
8	925	24	926
9	926	25	926
10	926	26	925
11	926	27	925
12	925	28	925
13	925	29	924
14	923	30	925
15	924	31	925
16	925		

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: 09/11/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 1
MONTH: August, 2003

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, 2003	0000	Began the month in Mode 1, 100% power, 971 Mwe.
August 31, 2003	2400	Ended the month in Mode 1, 100% power, 971 MWe.

Docket No.: 50-338
 Unit Name: North Anna Unit 1
 Date: 09/11/03
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

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

REPORT MONTH: August, 2003

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

No entries for this 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: 09/11/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

1. Unit Name: North Anna Unit 2
2. Reporting Period: August, 2003
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	199,103.0
12. Hours Reactor Was Critical	744.0	5,103.1	168,553.8
13. Reactor Reserve Shutdown Hours	0.0	44.6	7,547.0
14. Hours Generator On-Line	744.0	5,022.1	167,138.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2,150,800.6	14,417,489.5	462,272,638.8
17. Gross Electrical Energy Generated (MWH)	716,137.0	4,802,722.0	151,813,398.0
18. Net Electrical Energy Generated (MWH)	680,665.0	4,567,133.0	144,870,702.0
19. Unit Service Factor	100.0%	86.1%	83.9%
20. Unit Availability Factor	100.0%	86.1%	83.9%
21. Unit Capacity Factor (Using MDC Net)	99.8%	85.4%	80.8%
22. Unit Capacity Factor (Using DER Net)	100.9%	86.4%	80.2%
23. Unit Forced Outage Rate	0.0%	0.4%	4.0%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A
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
Estimated start-up dates are no longer provided.
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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: 09/11/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

MONTH: August, 2003

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	916	17	914
2	916	18	914
3	916	19	913
4	917	20	914
5	916	21	913
6	916	22	913
7	916	23	913
8	916	24	916
9	916	25	915
10	916	26	915
11	916	27	915
12	916	28	914
13	916	29	913
14	915	30	913
15	914	31	914
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: 09/11/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 2
MONTH: August, 2003

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, 2003	0000	Began the month in Mode 1, 100% power, 955 MWe.
August 31, 2003	2400	Ended the Month in Mode 1, 100% power, 960 Mwe.

Docket No.: 50-339
 Unit Name: North Anna Unit 2
 Date: 09/11/03
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

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

REPORT MONTH: August, 2003

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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 H - Other (explain)

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 1 - Manual
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