

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

September 10, 2004

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

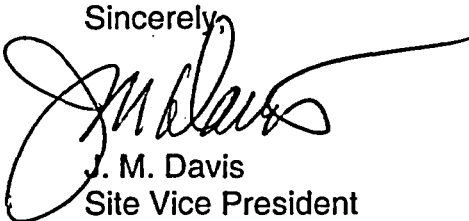
Serial No. 04-547
NAPS/JRP
Docket Nos. 50-338
50-339
License Nos. NPF-4
NPF-7

Gentlemen:

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

Enclosed is the August, 2004, Monthly Operating Report for North Anna Power Station Units 1 and 2.

Sincerely,



J. M. Davis
Site Vice President

Enclosure

Commitments made in this letter: None.

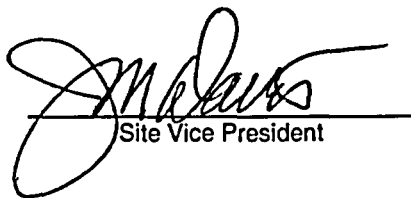
cc: U. S. Nuclear Regulatory Commission
Region II
Sam Nunn Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, Georgia 30303

Mr. M. T. Widmann
NRC Senior Resident Inspector
North Anna Power Station

JE24

**VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION
MONTHLY OPERATING REPORT
AUGUST 2004**

Approved:



Site Vice President



Date

OPERATING DATA REPORT

Docket No.: 50-338
 Date: 09/10/04
 Contact: J. M. Davis
 Telephone: (540) 894-2101

1. Unit Name: North Anna Unit 1
2. Reporting Period:..... August, 2004
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	5,855.0	229,619.0
12. Hours Reactor Was Critical	744.0	5,722.8	188,019.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	7,582.1
14. Hours Generator On-Line	744.0	5,691.5	184,682.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2,150,678.5	16,443,131.9	505,445,447.3
17. Gross Electrical Energy Generated (MWH)	724,653.0	5,552,855.0	204,348,148.0
18. Net Electrical Energy Generated (MWH)	689,021.0	5,281,397.0	158,785,215.0
19. Unit Service Factor	100.0%	97.2%	80.4%
20. Unit Availability Factor	100.0%	97.2%	80.4%
21. Unit Capacity Factor (Using MDC Net)	100.1%	97.5%	77.0%
22. Unit Capacity Factor (Using DER Net)	102.1%	99.5%	76.2%
23. Unit Forced Outage Rate	0.0%	0.0%	6.2%

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: 09/10/04
Contact: J. M. Davis
Telephone: (540) 894-2101

MONTH: August, 2004

<u>Day</u>	<u>Average Daily Power Level (MWe - Net)</u>	<u>Day</u>	<u>Average Daily Power Level (MWe - Net)</u>
1	924	17	928
2	924	18	927
3	925	19	927
4	924	20	925
5	924	21	926
6	926	22	927
7	928	23	926
8	928	24	926
9	927	25	926
10	927	26	926
11	926	27	926
12	926	28	926
13	927	29	925
14	928	30	925
15	929	31	925
16	928		

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: 09/10/04
Contact: J. M. Davis
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 1

MONTH: August, 2004

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, 2004	0000	Began the month in Mode 1, 100% Power, 974 MWe.
August 31, 2004	2359	Ended the month in Mode 1, 100% Power, 975 MWe.

Docket No.: 50-338
 Unit Name: North Anna Unit 1
 Date: 09/10/04
 Contact: J. M. Davis
 Telephone: (540) 894-2101

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

REPORT MONTH: August, 2004

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: 09/10/04
 Contact: J. M. Davis
 Telephone: (540) 894-2101

1. Unit Name: North Anna Unit 2
2. Reporting Period:..... August, 2004
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	5,855.0	207,887.0
12.	Hours Reactor Was Critical	744.0	5,166.5	176,649.3
13.	Reactor Reserve Shutdown Hours	0.0	0.0	7,547.0
14.	Hours Generator On-Line	744.0	5,149.4	175,216.9
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2,151,417.1	14,794,869.8	485,521,129.0
17.	Gross Electrical Energy Generated (MWH)	714,546.0	4,943,884.0	159,589,253.0
18.	Net Electrical Energy Generated (MWH)	679,100.0	4,702,003.0	152,268,326.0
19.	Unit Service Factor	100.0%	87.9%	84.3%
20.	Unit Availability Factor	100.0%	87.9%	84.3%
21.	Unit Capacity Factor (Using MDC Net)	99.5%	87.6%	81.2%
22.	Unit Capacity Factor (Using DER Net)	100.6%	88.5%	80.8%
23.	Unit Forced Outage Rate	0.0%	0.4%	3.8%

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
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INITIAL CRITICALITY	_____	_____
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AVERAGE DAILY UNIT POWER LEVEL

Docket No.: 50-339
Unit Name: North Anna Unit 2
Date: 09/10/04
Contact: J. M. Davis
Telephone: (540) 894-2101

MONTH: August, 2004

<u>Day</u>	<u>Average Daily Power Level (MWe - Net)</u>	<u>Day</u>	<u>Average Daily Power Level (MWe - Net)</u>
1	910	17	913
2	910	18	913
3	910	19	913
4	910	20	914
5	910	21	914
6	912	22	915
7	913	23	915
8	913	24	915
9	913	25	914
10	912	26	914
11	912	27	914
12	912	28	913
13	913	29	913
14	913	30	913
15	913	31	913
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: 09/10/04
Contact: J. M. Davis
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 2
MONTH: August, 2004

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, 2004	0000	Began the month in Mode 1, 100% Power, 960 MWe.
August 31, 2004	2359	Ended the Month in Mode 1, 100% Power, 958 Mwe.

Docket No.: 50-339
 Unit Name: North Anna Unit 2
 Date: 09/10/04
 Contact: J. M. Davis
 Telephone: (540) 894-2101

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

REPORT MONTH: August, 2004

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