

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

November 12, 2003

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

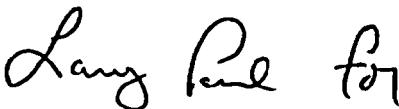
Serial No. 03-573
NAPS/JRP
Docket Nos. 50-338
50-339
License Nos. NPF-4
NPF-7

Gentlemen:

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

Enclosed is the October, 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.

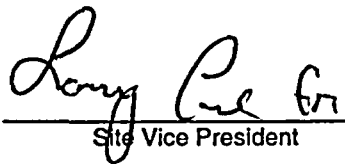
cc: U. S. Nuclear Regulatory Commission
Region II
Sam Nunn Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, Georgia 30303

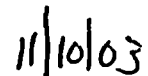
Mr. M. J. Morgan
NRC Senior Resident Inspector
North Anna Power Station

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

Approved:


Site Vice President


Date

OPERATING DATA REPORT

Docket No.: 50-338
 Date: 11/12/03
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

1. Unit Name:..... North Anna Unit 1
2. Reporting Period:..... October, 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	745.0	7,296.0	222,300.0
12. Hours Reactor Was Critical	745.0	5,776.6	180,832.4
13. Reactor Reserve Shutdown Hours	0.0	306.9	7,582.1
14. Hours Generator On-Line	745.0	5,737.3	177,526.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2,153,777.4	16,058,839.6	484,769,899.9
17. Gross Electrical Energy Generated (MWH)	730,326.0	5,428,331.0	197,361,946.0
18. Net Electrical Energy Generated (MWH)	695,166.0	5,154,869.0	152,138,771.0
19. Unit Service Factor	100.0%	78.6%	79.9%
20. Unit Availability Factor	100.0%	78.6%	79.9%
21. Unit Capacity Factor (Using MDC Net)	100.9%	76.4%	76.3%
22. Unit Capacity Factor (Using DER Net)	102.9%	77.9%	75.5%
23. Unit Forced Outage Rate	0.0%	4.2%	6.3%

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: 11/12/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

MONTH: October, 2003

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	932	17	934
2	932	18	934
3	932	19	933
4	932	20	934
5	933	21	933
6	933	22	933
7	932	23	935
8	932	24	935
9	932	25	934
10	932	26	934
11	932	27	934
12	931	28	934
13	933	29	934
14	933	30	934
15	933	31	934
16	934		

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: 11/12/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 1

MONTH: October, 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>
October 1, 2003	0000	Began the month in Mode 1, 100% power, 981 MWe.
October 31, 2003	2400	Ended the month in Mode 1, 100% power, 978 MWe.

Docket No.: 50-338
Unit Name: North Anna Unit 1
Date: 11/12/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

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

REPORT MONTH: October, 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: 11/12/03
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

1. Unit Name:..... North Anna Unit 2
2. Reporting Period:..... October, 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	745.0	7,296.0	200,568.0
12. Hours Reactor Was Critical	745.0	6,568.1	170,018.8
13. Reactor Reserve Shutdown Hours	0.0	44.6	7,547.0
14. Hours Generator On-Line	745.0	6,487.1	168,603.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2,153,751.4	18,639,171.9	466,494,321.2
17. Gross Electrical Energy Generated (MWH)	720,341.0	6,214,131.0	153,224,807.0
18. Net Electrical Energy Generated (MWH)	685,956.0	5,909,784.0	146,213,353.0
19. Unit Service Factor	100.0%	88.9%	84.1%
20. Unit Availability Factor	100.0%	88.9%	84.1%
21. Unit Capacity Factor (Using MDC Net)	100.4%	88.3%	80.9%
22. Unit Capacity Factor (Using DER Net)	101.5%	89.3%	80.4%
23. Unit Forced Outage Rate	0.0%	0.3%	3.9%

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	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

Docket No.: 50-339
Unit Name: North Anna Unit 2
Date: 11/12/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

MONTH: October, 2003

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
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2	922	18	923
3	923	19	924
4	923	20	924
5	923	21	924
6	913	22	924
7	914	23	925
8	914	24	924
9	916	25	924
10	922	26	924
11	922	27	924
12	922	28	925
13	911	29	924
14	914	30	924
15	910	31	923
16	916		

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: 11/12/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 2
MONTH: October, 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>
October 1, 2003	0000	Began the month in Mode 1, 100% power, 970 MWe.
October 31, 2003	2400	Ended the Month in Mode 1, 100% power, 968 MWe.

Docket No.: 50-339
 Unit Name: North Anna Unit 2
 Date: 11/12/03
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

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 (EQUAL TO OR GREATER THAN 20%)

REPORT MONTH: October, 2003

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(3)
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 1 - Manual
 2 - Manual Scram
 3 - Automatic Scram
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(4)
 Exhibit G - Instructions for Preparation of Data Entry Sheets
 for Licensee Event Report (LER) File (NUREG 0161)

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 Exhibit H - Same Source