

**VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261**

June 11, 2003

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

Serial No. 03-365
NAPS/JRP
Docket Nos. 50-338
50-339
License Nos. NPF-4
NPF-7

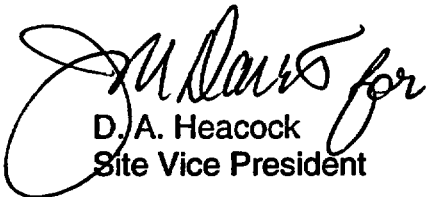
Gentlemen:

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

Enclosed is the May, 2003, Monthly Operating Report for North Anna Power Station Units 1 and 2.

Also included is a corrected page from the April 2003, Monthly Operating Report which incorrectly stated on page 2 of the Summary of Operating Experience that Unit 1 was "Holding power @ 90% on April 22, 2003," when it should have read: "Holding power @ 96% on April 22, 2003."

Very truly yours,


D.A. Heacock
Site Vice President

Enclosure

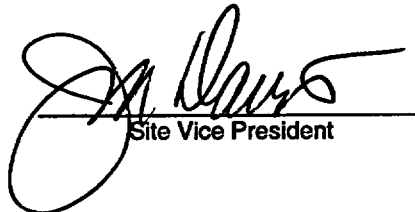
Commitments made in this letter: None.

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

IE24

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

Approved:



Site Vice President

6/10/03

Date

OPERATING DATA REPORT

Docket No.: 50-338
 Date: 06/12/03
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

1. Unit Name:..... North Anna Unit 1
2. Reporting Period:..... May, 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	3,623.0	218,627.0
12. Hours Reactor Was Critical	744.0	2,329.2	177,385.0
13. Reactor Reserve Shutdown Hours	0.0	80.9	7,356.1
14. Hours Generator On-Line	744.0	2,301.5	174,090.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2,145,494.7	6,139,463.5	474,850,523.8
17. Gross Electrical Energy Generated (MWH)	726,872.0	2,077,125.0	194,010,740.0
18. Net Electrical Energy Generated (MWH)	692,150.0	1,967,868.0	148,951,770.0
19. Unit Service Factor	100.0%	63.5%	79.6%
20. Unit Availability Factor	100.0%	63.5%	79.6%
21. Unit Capacity Factor (Using MDC Net)	100.6%	58.7%	76.0%
22. Unit Capacity Factor (Using DER Net)	102.6%	59.9%	75.1%
23. Unit Forced Outage Rate	0.0%	0.7%	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: 06/12/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

MONTH: May, 2003

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	933	17	936
2	933	18	936
3	858	19	935
4	933	20	935
5	933	21	935
6	932	22	936
7	926	23	935
8	926	24	936
9	927	25	936
10	934	26	936
11	934	27	936
12	924	28	936
13	927	29	934
14	926	30	933
15	934	30	931
16	935		

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: 06/12/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 1
MONTH: May, 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>
May 1, 2003	0000	Began the month in Mode 1, 100% power, 980 Mwe.
May 3, 2003	0424	Commence ramp-down to shut GV-1 for upcoming LVDT trouble-shooting / replacement. Currently 99.9% power, 978 Mwe.
	0520	Stabilized power @ 89%, 877 MWe, for closing 1-GV-1.
	2218	1-GV-1 tested satisfactorily.
	2308	Commence increasing power. Currently 89% power, 877 MWe.
May 4, 2003	0105	Stabilized power @ 100%, 978 Mwe.
May 30, 2003	2320	Commence ramp-down for Turbine Valve Freedom Test. Currently 100% power, 981 MWe.
May 31, 2003	0000	Unit stable @ 91% power, 890 MWe.
	0030	Turbine Valve Freedom Test completed SAT. Commence ramp to 100%.
	0212	Unit @ 100% power.
	2400	Ended the month in Mode 1, 100% power, 980 MWe.

Docket No.: 50-338
Unit Name: North Anna Unit 1
Date: 06/12/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

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

REPORT MONTH: May, 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 enteries 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: 06/12/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

1. Unit Name:..... North Anna Unit 2
2. Reporting Period:..... May, 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	3,623.0	196,895.0
12. Hours Reactor Was Critical	744.0	2,895.1	166,345.8
13. Reactor Reserve Shutdown Hours	0.0	44.6	7,547.0
14. Hours Generator On-Line	744.0	2,814.1	164,930.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2,150,942.5	8,034,826.3	455,889,975.6
17. Gross Electrical Energy Generated (MWH)	720,045.0	2,675,620.0	149,686,296.0
18. Net Electrical Energy Generated (MWH)	686,132.0	2,544,936.0	142,848,505.0
19. Unit Service Factor	100.0%	77.7%	83.8%
20. Unit Availability Factor	100.0%	77.7%	83.8%
21. Unit Capacity Factor (Using MDC Net)	100.6%	76.6%	80.5%
22. Unit Capacity Factor (Using DER Net)	101.7%	77.4%	80.0%
23. Unit Forced Outage Rate	0.0%	0.7%	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: 06/12/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

MONTH: May, 2003

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	918	17	923
2	916	18	924
3	921	19	923
4	925	20	923
5	919	21	922
6	922	22	923
7	923	23	923
8	923	24	917
9	923	25	924
10	923	26	923
11	923	27	924
12	922	28	924
13	923	29	923
14	923	30	923
15	922	31	923
16	922		

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: 06/12/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 2
MONTH: May, 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>
May 1, 2003	0000	Began the month in Mode 1, 100% power, 960 MWe.
May 23, 2003	2331	Commence ramp-down for Turbine Valve Freedom Test. Currently 99.98% power, 964 MWe.
May 24, 2003	0003	Stopped ramp @ 89.8% power, 871 MWe.
	0119	Commence ramp-up IAW 2-PT-34.3
	0353	Unit @ 100% power, 2-PT-34.3 completed SAT.
May 31, 2003	2400	Ended the Month in Mode 1, 100% power, 969 MWe.

Docket No.: 50-339
 Unit Name: North Anna Unit 2
 Date: 06/12/03
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

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

REPORT MONTH: May, 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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(1)
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 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

Docket No.: 50-338
Unit Name: North Anna Unit 1
Date: 05/12/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 1
MONTH: April, 2003

SUMMARY OF OPERATING EXPERIENCE

Page 2 of 2

<u>Date</u>	<u>Time</u>	<u>Data</u>
April 20, 2003	0559	Commence U1 Reactor Startup
	0615	Entered Mode 2
	0635	Reactor Critical
	0940	Entered Mode 1
	1321	Unit On-line
	1430	Stabilized power @ 30%, 240 Mwe. for Calorimetric
	1544	Commence Ramp-up
	1628	Unit @ 40% power, 340 Mwe.
	2045	Commence ramp to 75%
April 21, 2003	0500	Stabilized power @ 74%, 735 Mwe. for Flux Map
	2050	Commence Ramp-up
April 22, 2003	0600	Holding power @ 96%
	1004	Commence power Increase
	1027	Stabilized power @ 98%, 948 Mwe. for Calorimetric
	1037	Calorimetric complete SAT.
	1050	Commence power increase to 100%
April 30, 2003	1150	Stabilized power @ 100%, 956 Mwe.
	2400	Ended the month in Mode 1, 100% power, 980 Mwe.