

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

February 13, 2002

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

Serial No. 02-110
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 January 2002 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

IE 24

**VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION
MONTHLY OPERATING REPORT
JANUARY 2002**

Approved: DAW 2-13-02
Site Vice President Date
RL

OPERATING DATA REPORT

Docket No.: 50-338
 Date: 02/05/02
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

1. Unit Name:..... North Anna Unit 1
2. Reporting Period:..... January 2002
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	744.0	206,988.0
12. Hours Reactor Was Critical	744.0	744.0	167,039.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	7,275.2
14. Hours Generator On-Line	744.0	744.0	163,773.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2,150,534.8	2,150,534.8	445,580,541.7
17. Gross Electrical Energy Generated (MWH)	731,317.0	731,317.0	184,086,548.0
18. Net Electrical Energy Generated (MWH)	696,360.0	696,360.0	139,515,927.0
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)	101.2%	101.2%	75.3%
22. Unit Capacity Factor (Using DER Net)	103.2%	103.2%	74.3%
23. Unit Forced Outage Rate	0.0%	0.0%	6.8%

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
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: 02/05/02
Contact: D. A. Heacock
Telephone: (540) 894-2101

MONTH: January, 2002

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	937	17	936
2	937	18	936
3	936	19	936
4	936	20	936
5	929	21	936
6	932	22	937
7	936	23	937
8	936	24	937
9	936	25	937
10	936	26	937
11	937	27	936
12	937	28	937
13	936	29	936
14	936	30	937
15	936	31	938
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: 02/05/02
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 1
MONTH: January, 2002

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>
January 1, 2002	0000	Began the month in Mode 1, 100% power, 982 MWe.
January 4, 2002	2346	Commenced ramp down for Turbine Valve Freedom Testing (TVFT).
January 5, 2002	0032	Unit 1 is at 89.8% power, 881 MWe.
January 5, 2002	0119	Completed TVFT. Commenced ramp up to 100% power.
January 5, 2002	0413	Unit 1 is at 100% power, 983 MWe.
January 31, 2002	2400	Ended the month in Mode 1, 100% power, 983 MWe.

Docket No.: 50-338
 Unit Name: North Anna Unit 1
 Date: 02/05/02
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

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

REPORT MONTH: January, 2002

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: 02/05/02
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

1. Unit Name:..... North Anna Unit 2
 2. Reporting Period:..... January, 2002
 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	744.0	185,256.0
12. Hours Reactor Was Critical	744.0	744.0	158,194.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	7,489.7
14. Hours Generator On-Line	744.0	744.0	156,860.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2,151,289.7	2,151,289.7	432,664,313.7
17. Gross Electrical Energy Generated (MWH)	721,518.0	721,518.0	141,939,659.0
18. Net Electrical Energy Generated (MWH)	686,772.0	686,772.0	135,480,646.0
19. Unit Service Factor	100.0%	100.0%	84.7%
20. Unit Availability Factor	100.0%	100.0%	84.7%
21. Unit Capacity Factor (Using MDC Net)	100.7%	100.7%	81.3%
22. Unit Capacity Factor (Using DER Net)	101.8%	101.8%	80.6%
23. Unit Forced Outage Rate	0.0%	0.0%	4.2%

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: _____
 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.: 50-339
Unit Name: North Anna Unit 2
Date: 02/05/02
Contact: D. A. Heacock
Telephone: (540) 894-2101

MONTH: January, 2002

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	924	17	923
2	924	18	923
3	924	19	923
4	924	20	923
5	924	21	923
6	924	22	923
7	923	23	923
8	924	24	922
9	923	25	922
10	923	26	920
11	923	27	922
12	924	28	922
13	924	29	922
14	923	30	923
15	923	31	923
16	923		

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: 02/05/02
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 2
MONTH: January, 2002

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>
January 1, 2002	0000	Began the month in Mode 1, 100% power, 967 MWe.
January 31, 2002	2400	Ended the month in Mode 1, 100% power, 969 MWe.

Docket No.: 50-339
 Unit Name: North Anna Unit 2
 Date: 02/05/02
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

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

REPORT MONTH: January, 2002

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