

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

June 9, 2005

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

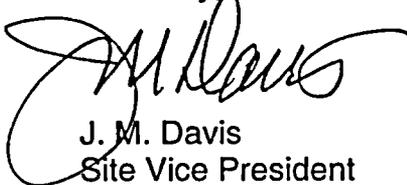
Serial No. 05-355
NAPS/JRP
Docket Nos. 50-338
50-339
License Nos. NPF-4
NPF-7

Gentlemen:

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

Enclosed is the May, 2005, 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. J. T. Reece
NRC Senior Resident Inspector
North Anna Power Station

IE24

VIRGINIA ELECTRIC AND POWER COMPANY

NORTH ANNA POWER STATION

MONTHLY OPERATING REPORT

MAY 2005

Approved:



Site Vice President

6/6/05

Date

OPERATING DATA REPORT

Docket No.: 50-338
 Date: 06/09/05
 Contact: J. M. Davis
 Telephone: (540) 894-2101

- 1. Unit Name: North Anna Unit 1
- 2. Reporting Period:..... May, 2005
- 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):... 976
- 7. Maximum Dependable Capacity (Net MWe): 924

- 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

	This Month	Year-To-Date	Cumulative
11. Hours in Reporting Period	744.0	3,623.0	236,171.0
12. Hours Reactor Was Critical	744.0	3,623.0	193,990.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	7,582.1
14. Hours Generator On-Line	744.0	3,623.0	190,637.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2,151,171.5	10,474,273.3	522,548,539.8
17. Gross Electrical Energy Generated (MWH)	730,096.0	3,556,449.0	210,150,314.0
18. Net Electrical Energy Generated (MWH)	693,747.5	3,382,416.5	164,304,585.5
19. Unit Service Factor	100.0%	100.0%	80.7%
20. Unit Availability Factor	100.0%	100.0%	80.7%
21. Unit Capacity Factor (Using MDC Net)	100.9%	101.0%	77.4%
22. Unit Capacity Factor (Using DER Net)	102.8%	102.9%	76.7%
23. Unit Forced Outage Rate	0.0%	0.0%	6.0%

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.
(Reference: Letter Serial No. 00-070, dated February 11, 2000)

26. Unit In Test Status (Prior to Commercial Operation):

	FORECAST	ACHIEVED
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

AVERAGE DAILY UNIT POWER LEVEL

Docket No.: 50-338
Unit Name: North Anna Unit 1
Date: 06/09/05
Contact: J. M. Davis
Telephone: (540) 894-2101

MONTH: May, 2005

<u>Day</u>	<u>Average Daily Power Level (MWe - Net)</u>	<u>Day</u>	<u>Average Daily Power Level (MWe - Net)</u>
1	933	17	932
2	934	18	932
3	934	19	932
4	934	20	932
5	934	21	932
6	934	22	933
7	934	23	932
8	934	24	932
9	933	25	933
10	934	26	932
11	933	27	931
12	932	28	931
13	932	29	931
14	932	30	931
15	932	31	930
16	932		

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: 06/09/05
Contact: J. M. Davis
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 1

MONTH: May, 2005

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, 2005	0000	Began the month in Mode 1, 100% Power, 985 MWe.
May 31, 2005	2400	Ended the month in Mode 1, 100% Power, 980 MWe.

Docket No.: 50-338
 Unit Name: North Anna Unit 1
 Date: 06/09/05
 Contact: J. M. Davis
 Telephone: (540) 894-2101

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

REPORT MONTH: May, 2005

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: 06/09/05
 Contact: J. M. Davis
 Telephone: (540) 894-2101

1. Unit Name: North Anna Unit 2
2. Reporting Period:..... May, 2005
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):... 960
7. Maximum Dependable Capacity (Net MWe): 910

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	214,439.0
12.	Hours Reactor Was Critical	744.0	3,623.0	183,201.2
13.	Reactor Reserve Shutdown Hours	0.0	0.0	7,547.0
14.	Hours Generator On-Line	744.0	3,623.0	181,768.8
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2,150,520.0	10,474,043.2	504,462,243.0
17.	Gross Electrical Energy Generated (MWH)	718,164.0	3,494,740.0	165,905,457.0
18.	Net Electrical Energy Generated (MWH)	682,511.9	3,328,773.9	158,283,237.9
19.	Unit Service Factor	100.0%	100.0%	84.8%
20.	Unit Availability Factor	100.0%	100.0%	84.8%
21.	Unit Capacity Factor (Using MDC Net)	100.8%	100.4%	81.8%
22.	Unit Capacity Factor (Using DER Net)	101.1%	101.3%	81.4%
23.	Unit Forced Outage Rate	0.0%	0.0%	3.7%

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.: 50-339
Unit Name: North Anna Unit 2
Date: 06/09/05
Contact: J. M. Davis
Telephone: (540) 894-2101

MONTH: May, 2005

<u>Day</u>	<u>Average Daily Power Level (MWe - Net)</u>	<u>Day</u>	<u>Average Daily Power Level (MWe - Net)</u>
1	918	17	917
2	918	18	917
3	919	19	917
4	918	20	917
5	918	21	917
6	918	22	917
7	920	23	917
8	920	24	917
9	919	25	918
10	919	26	917
11	918	27	916
12	917	28	912
13	917	29	917
14	917	30	916
15	917	31	915
16	917		

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: 06/09/05
Contact: J. M. Davis
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 2
MONTH: May, 2005

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, 2005	0000	Began the month in Mode 1, 100% Power, 965 MWe.
May 27, 2005	2305	Commence ramp to approx. 91% Power to perform Turbine Valve Freedom Test.
May 28, 2005	0005	Unit at 91% Power, 885 MWe.
	0108	Commence ramp to 100%.
	0250	Unit at approx. 100% Power, 958 MWe.
	0410	Turbine Valve Freedom Test complete SAT.
May 31, 2005	2318	Commence ramp down to approx. 85% in preparation for removing "B" waterbox from service.
	2400	Ended the Month in Mode 1, 94% Power, 904 MWe. Continuing to ramp to 85% Power.

Docket No.: 50-339
 Unit Name: North Anna Unit 2
 Date: 06/09/05
 Contact: J. M. Davis
 Telephone: (540) 894-2101

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

REPORT MONTH: May, 2005

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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