

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

May 11, 1995

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555

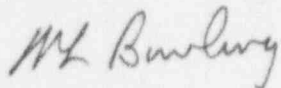
Serial No. 95-234  
NL&P/JHL/CMC  
Docket Nos. 50-338  
50-339  
License Nos. NPF-4  
NPF-7

Gentlemen:

**VIRGINIA ELECTRIC AND POWER COMPANY**  
**NORTH ANNA POWER STATION UNITS 1 AND 2**  
**MONTHLY OPERATING REPORT**

Enclosed is the Monthly Operating Report for North Anna Power Station Units 1 and 2 for the month of April 1995.

Very truly yours,



M. L. Bowling, Manager  
Nuclear-Licensing and Programs

Enclosure

cc: U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW  
Suite 2900  
Atlanta, GA 30323

Mr. R. D. McWhorter  
NRC Senior Resident Inspector  
North Anna Power Station

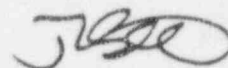
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VIRGINIA POWER COMPANY  
NORTH ANNA POWER STATION  
MONTHLY OPERATING REPORT

MONTH: April YEAR: 1995

Approved:



Station Manager

JRH

# OPERATING DATA REPORT

DOCKET NO.: 50-338  
 DATE: May 5, 1995  
 CONTACT: J. A. Stall  
 PHONE: (703) 894-2101

## OPERATING STATUS

1. Unit Name:.....North Anna 1
2. Reporting Period:.....April 1995
3. Licensed Thermal Power (MWt):..... 2,893
4. Nameplate Rating (Gross MWe):..... 994
5. Design Electrical Rating (Net MWe):..... 907
6. Maximum Dependable Capacity (Gross MWe):.. 948
7. Maximum Dependable Capacity (Net MWe):.... 900

8. If changes occur in Capacity Ratings (Items No. 3 thru 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	Y-t-D	Cumulative
11. Hours in Reporting Period.....	719.0	2,879.0	147,755.0
12. Number of Hours Reactor was Critical.....	719.0	2,857.6	111,305.4
13. Reactor Reserve Shutdown Hours.....	0.0	20.9	6,951.4
14. Hours Generator On-Line.....	719.0	2,852.8	108,306.5
15. Unit Reserve Shutdown Hours.....	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH).....	2,079,473.9	8,187,253.8	288,372,833.7
17. Gross Electrical Energy Generated (MWH).....	685,279.0	2,694,326.0	94,769,946.0
18. Net Electrical Energy Generated (MWH).....	652,214.0	2,564,257.0	89,766,543.0
19. Unit Service Factor.....	100.0%	99.1%	73.3%
20. Unit Availability Factor.....	100.0%	99.1%	73.3%
21. Unit Capacity Factor (using MDC Net).....	100.8%	99.0%	68.0%
22. Unit Capacity Factor (using DER Net).....	100.0%	98.2%	67.0%
23. Forced Outage Rate.....	0.0%	0.9%	9.8%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A

25. If Shutdown at end of Report Period, estimated time of Startup: N/A

26. Units 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: NA-1  
 Date: May 5, 1995  
 Contact: J. A. Stall  
 Phone: (703) 894-2101

MONTH: April 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>909</u>
2	<u>908</u>
3	<u>909</u>
4	<u>907</u>
5	<u>906</u>
6	<u>906</u>
7	<u>906</u>
8	<u>905</u>
9	<u>906</u>
10	<u>906</u>
11	<u>906</u>
12	<u>908</u>
13	<u>906</u>
14	<u>906</u>
15	<u>909</u>
16	<u>909</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>908</u>
18	<u>908</u>
19	<u>908</u>
20	<u>909</u>
21	<u>908</u>
22	<u>906</u>
23	<u>907</u>
24	<u>907</u>
25	<u>908</u>
26	<u>908</u>
27	<u>907</u>
28	<u>900</u>
29	<u>907</u>
30	<u>910</u>

## 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.

# NORTH ANNA POWER STATION

UNIT NO.: 1  
MONTH: April

## 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>
April 01, 1995	0000	Began month with unit at 100% power, 954 MWe.
April 28, 1995	1114	Commence rampdown to 91% power for Turbine Valve Freedom Test (TVFT).
April 28, 1995	1214	Unit stable at 90.9% power, 870 MWe.
April 28, 1995	1310	Commence ramp to 100% power following satisfactory completion of TVFT.
April 28, 1995	1518	Unit stable at 100% power, 945.5 MWe.
April 30, 1995	2400	Ended month with unit at 100% power, 954 MWe.

UNIT SHUTDOWN AND POWER REDUCTIONS  
Explanation Sheet

Docket No.: 50-338

Report Month April Unit Name: NA-1

Year: 1995 Date: May 5, 1995

Contact: J. A. Stall

\* No entry this month.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: April 1995

DOCKET NO.: 50-338  
UNIT NAME: NA-1  
DATE: May 5, 1995  
CONTACT: J. A. Stall  
PHONE: (703) 894-2101

No.	Date	1 Type	2 Duration (hrs)	3 Reason	4 Method of Shutting Down Reactor	5 Licensee Event Report #	6 System Code	7 Component Code	8 Cause & Corrective Action to Prevent Recurrence
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\* No Entry This Month

1: Type	2: Reason	3: Method	4:
F=Forced	A=Equipment Failure (explain)	1=Manual	Exhibit F - Instructions
S=Scheduled	B=Maintenance or Test	2=Manual Scram	for preparation of Data
	C=Refueling	3=Automatic Scram	Entry Sheets for Licensee
	D=Regulatory Restriction	4=Continuations	Event Report (LER) File
	E=Operator Training & License Examination	5=Load Reduction	(NUREG-0161)
	F=Administrative	9=Other	
	G=Operational Error		5:
	H=Other (explain)		Exhibit H - Same Source



# OPERATING DATA REPORT

DOCKET NO.: 50-339  
 DATE: May 5, 1995  
 CONTACT: J. A. Stall  
 PHONE: (703) 894-2101

## OPERATING STATUS

1. Unit Name:.....North Anna 2
2. Reporting Period:.....April 1995
3. Licensed Thermal Power (MWt):..... 2893
4. Nameplate Rating (Gross MWe):..... 979
5. Design Electrical Rating (Net MWe):..... 907
6. Maximum Dependable Capacity (Gross MWe):.. 935
7. Maximum Dependable Capacity (Net MWe):.... 887

8. If changes occur in Capacity Ratings (Items No. 3 thru 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	Y-t-D	Cumulative
11. Hours in Reporting Period.....	719.0	2,879.0	126,023.0
12. Number of Hours Reactor was Critical.....	0.0	1,994.0	104,927.5
13. Reactor Reserve Shutdown Hours.....	0.0	1.3	6,510.2
14. Hours Generator On-Line.....	0.0	1,993.5	103,829.2
15. Unit Reserve Shutdown Hours.....	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH) .....	0.0	4,874,638.6	281,490,602.6
17. Gross Electrical Energy Generated (MWH).....	0.0	1,587,700.0	92,064,557.0
18. Net Electrical Energy Generated (MWH).....	0.0	1,500,859.0	88,040,827.0
19. Unit Service Factor.....	0.0%	69.2%	82.4%
20. Unit Availability Factor.....	0.0%	69.2%	82.4%
21. Unit Capacity Factor (using MDC Net).....	0.0%	58.8%	77.6%
22. Unit Capacity Factor (using DER Net).....	0.0%	57.5%	77.0%
23. Forced Outage Rate.....	0.0%	0.0%	5.1%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling/Steam Generator  
Replacement, 03/25/95, 80 days

25. If Shutdown at end of Report Period, estimated time of Startup: 06/16/95

26. Units in Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____



# AVERAGE DAILY UNIT POWER LEVEL

Docket No.: 50-339  
Unit: NA-2  
Date: May 5, 1995  
Contact: J. A. Stall  
Phone: (703) 894-2101

MONTH: April 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>

## 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.

NORTH ANNA POWER STATION

UNIT NO.: 2  
MONTH: April

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>
April 01, 1995	0000	Began month with unit in Mode 6 for scheduled Refueling and Steam Generator Replacement Outage.
April 30, 1995	2400	Ended month with unit defueled for Refueling and Steam Generator Replacement Outage.

UNIT SHUTDOWN AND POWER REDUCTIONS  
Explanation Sheet

Docket No.: 50-339

Report Month April Unit Name: NA-2

Year: 1995 Date: May 5, 1995

Contact: J. A. Stall

#95-01

Unit shutdown for scheduled Refueling/SGRP  
outage March 24, 1995 at 2038 hours.

REPORT MONTH: April 1995

DOCKET NO.: 50-339  
UNIT NAME: NA-2  
DATE: May 5, 1995  
CONTACT: J. A. Stall  
PHONE: (703) 894-2101

No.	Date	1 Type	Duration (hrs)	2 Reason	3 Method of Shutting Down Reactor	Licensee Event Report #	4 System Code	5 Component Code	Cause & Corrective Action to Prevent Recurrence
95-01	950325	S	720	C/H	1	N/A	N/A	N/A	N/A

1: Type	2: Reason	3: Method	4:
F=Forced	A=Equipment Failure (explain)	1=Manual	Exhibit F - Instructions
S=Scheduled	B=Maintenance or Test	2=Manual Scram	for preparation of Data
	C=Refueling	3=Automatic Scram	Entry Sheets for Licensee
	D=Regulatory Restriction	4=Continuations	Event Report (LER) File
	E=Operator Training & License Examination	5=Load Reduction	(NUREG-0161)
	F=Administrative	9=Other	
	G=Operational Error		5:
	H=Other (explain)		Exhibit H - Same Source