

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

June 8, 1995

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

Serial No. 95-290
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 May 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


9506190272 950531
PDR ADDCK 05000338
R PDR

IE24
11

VIRGINIA POWER COMPANY
NORTH ANNA POWER STATION
MONTHLY OPERATING REPORT

MONTH: May YEAR: 1995

Approved:



Station Manager

OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name:.....North Anna 1
2. Reporting Period:.....May 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.....	744.0	3,623.0	148,499.0
12. Number of Hours Reactor was Critical.....	744.0	3,601.6	112,049.4
13. Reactor Reserve Shutdown Hours.....	0.0	20.9	6,951.4
14. Hours Generator On-Line.....	744.0	3,596.8	109,050.5
15. Unit Reserve Shutdown Hours.....	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH).....	2,151,850.7	10,339,104.5	290,524,684.4
17. Gross Electrical Energy Generated (MWH).....	707,933.0	3,402,259.0	95,477,879.0
18. Net Electrical Energy Generated (MWH).....	673,182.0	3,237,439.0	90,439,725.0
19. Unit Service Factor.....	100.0%	99.3%	73.4%
20. Unit Availability Factor.....	100.0%	99.3%	73.4%
21. Unit Capacity Factor (using MDC Net).....	100.5%	99.3%	68.1%
22. Unit Capacity Factor (using DER Net).....	99.8%	98.5%	67.1%
23. Forced Outage Rate.....	0.0%	0.7%	9.7%

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: June 5, 1995
 Contact: J. A. Stall
 Phone: (703) 894-2101

MONTH: May 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>910</u>	17	<u>904</u>
2	<u>910</u>	18	<u>904</u>
3	<u>909</u>	19	<u>904</u>
4	<u>907</u>	20	<u>905</u>
5	<u>906</u>	21	<u>905</u>
6	<u>907</u>	22	<u>904</u>
7	<u>906</u>	23	<u>904</u>
8	<u>907</u>	24	<u>902</u>
9	<u>907</u>	25	<u>902</u>
10	<u>906</u>	26	<u>897</u>
11	<u>906</u>	27	<u>902</u>
12	<u>905</u>	28	<u>903</u>
13	<u>906</u>	29	<u>902</u>
14	<u>906</u>	30	<u>902</u>
15	<u>905</u>	31	<u>903</u>
16	<u>905</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: May

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 01, 1995	0000	Began month with unit at 100% power, 954 MWe.
May 26, 1995	0955	Commence rampdown to 90% power for Turbine Valve Freedom Test (TVFT).
	1045	Unit stable at 90% power, 870 MWe.
	1122	Commenced ramp to 100% power following satisfactory completion of TVFT.
	1300	Unit stable at 100% power, 950 MWe.
May 31, 1995	2400	Ended month with unit at 100% power, 952 MWe.

UNIT SHUTDOWN AND POWER REDUCTIONS
Explanation Sheet

Docket No.: 50-338

Report Month May Unit Name: NA-1

Year: 1995 Date: June 5, 1995

Contact: J. A. Stall

* No entry this month.

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH: May 1995

No.	Date	1 Type	2 Duration (hrs)	Reason	3 Method of Shutting Down Reactor	Licensee Event Report #	4 System Code	5 Component Code	Cause & Corrective Action to Prevent Recurrence
-----	------	-----------	------------------------	--------	--	-------------------------------	---------------------	------------------------	---

* 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: June 5, 1995
 CONTACT: J. A. Stall
 PHONE: (703) 894-2101

OPERATING STATUS

1. Unit Name:.....North Anna 2
2. Reporting Period:.....May 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.....	744.0	3,623.0	126,767.0
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)	497.6	4,875,136.2	281,491,100.2
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%	55.0%	81.9%
20. Unit Availability Factor.....	0.0%	55.0%	81.9%
21. Unit Capacity Factor (using MDC Net).....	0.0%	46.7%	77.2%
22. Unit Capacity Factor (using DER Net).....	0.0%	45.7%	76.6%
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, 69 days

25. If Shutdown at end of Report Period, estimated time of Startup: 06/01/95

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: June 5, 1995
 Contact: J. A. Stall
 Phone: (703) 894-2101

MONTH: May 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>
31	<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: May

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 01, 1995	0000	Began month with unit defueled for scheduled Refueling and Steam Generator Replacement Outage.
May 21, 1995	0442	Unit entered Mode 6.
May 26, 1995	1745	Unit entered Mode 5.
May 30, 1995	0053	Unit entered Mode 4.
	0809	Unit entered Mode 3.
May 31, 1995	0438	Unit entered Mode 2.
	0516	Reactor critical.
	0539	Commenced Reactor Low Power Physics testing.
	1854	Completed Reactor Low Power Physics testing.
	2047	Unit stable at 4.7% power for chemistry cleanup.
	2400	Ended month stable at 4.7% power waiting for chemistry hold to clear to increase power and go on line.

UNIT SHUTDOWN AND POWER REDUCTIONS
Explanation Sheet

Docket No.: 50-339

Report Month May Unit Name: NA-2

Year: 1995 Date: June 5, 1995

Contact: J. A. Stall

#95-01

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

REPORT MONTH: May 1995

DOCKET NO.: 50-339
UNIT NAME: NA-2
DATE: June 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	744	C/H	1	N/A	N/A	N/A	N/A

1: Type
F=Forced
S=Scheduled

2: Reason
A=Equipment Failure (explain)
B=Maintenance or Test
C=Refueling
D=Regulatory Restriction
E=Operator Training & License 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 F - Instructions
for preparation of Data
Entry Sheets for Licensee
Event Report (LER) File
(NUREG-0161)

5:
Exhibit H - Same Source