# VIRGINIA ELECTRIC AND POWER COMPANY NORTH ANNA POWER STATION MONTHLY OPERATING REPORT

.

MONTH September YEAR 1984

APPROVED:

A STATION MANAGER

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## OPERATING DATA REPORT

DOCKET NO.	50-338	
DATE	10-05-84	
COMPLETED BY	Joan N. Lee	
TELEPHONE	(703) 894-5151	X2527

#### OPERATING STATUS

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1.	Unit Name: North Anna 1			
2.	Reporting Period: September, 1984			
3.	Licensed Thermal Power (MWt):	2775		
4.	Nameplate Rating (Gross MWe):	947		
5.	Design Electrical Rating (Net MWe):	907		
6.	Maximum Dependable Capacity (Gross MWe):			
7.	Maximum Dependable Capacity (Net MWe):	890		
8.	If Changes Occur in Capacity Ratings (It	ems No. 3 thru	7) Since Last Re	port, Give Reason
	N/A			
0	Power Level To Unich Destricted If Are	(N-+ M(1-)		
	Power Level To Which Restricted, If Any Reasons For Restrictions, If Any:	(Net Mwe):	N/A N/A	
		This Month	Yrto-Date	Cumulative
11.	Hours In Reporting Period	720	6,575	55,016
12.	Number of Hours Reactor Was Critical	132.3	2,599.9	36,186.4
13.	Reactor Reserve Shutdown Hours	0	7.1	3,028.6
14.	Hours Generator On-Line	41.9	2,485.8	35,147.4
15.	Unit Reserve Shutdown Hours	0	0	0
16.	Gross Thermal Energy Generated (MWH)	37,740	6,634,476	91,686,249
17.	Gross Electrical Energy Generated (MWH)	Contraction of the American American Street or Street Stre	2,248,515	29,632,882
18. 19.	Net Electrical Energy Generated (MWH) Unit Service Factor	8,791	2,135,396	27,966,570
20.	Unit Availability Factor	5.8	37.8	63.9
21.	Unit Capacity Factor (Using MDC Net)	5.8	37.8	63.9
22.	Unit Capacity Factor (Using DER Net)	1.4	36.4	57.1
23.	Unit Forced Outage Rate	46.9	35.8	55.0
24.	Shutdowns Scheduled Over Next 6 Months			
Uni	t 1 Scheduled fall maintenance - Schedul	ed 10 days.	11/23/84 - 1	12/3/84
25.	If Shut Down At End Of Report Period, E	stimated Date of	of Startup: Oct	tober 1, 1984
26.	Units In Test Status (Prior to Commerci		orecast	Achieved
	INITIAL CRITICALITY			- 6045
	INITIAL ELECTRICITY COMMERCIAL OPERATION			

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO	50-338
UNIT _	NA-1
DATE _	10-05-84
COMPLETED BY _	Joan N. Lee

TELEPHONE 703-894-5151X2527

MONTH	September		
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	177.1
12	0	28	189.0
13	0	29	0
14	0	30	.1
15	0	31	
16	0		

#### 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.

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UNIT SHUTDOWN AND POWER REDUCTIONS

EXPLANATION SHEET DOCKET NO. <u>50-338</u> REPORT MONTH <u>September</u> UNIT NAME <u>NA-1</u> YEAR <u>1984</u> DATE <u>10-05-84</u> COMPLETED BY Joan Lee

- 84-15 (F)
- On September 28, 1984 at 2028 Unit 1 Reactor trip due to Hi-Hi Level in 'B' steam generator. Repairs were made and Unit 1 was on line on September 30, 1984 at 1532.
- 84-16 (F) (2) On September 30, 1984 at 1613 Unit 1 Reactor trip due to Lo-Lo Level in 'B' steam generator. At 1939 on September 30, 1984 Reactor was critical. Ended this month with Unit 1 in mode 1.

					SHUTDOWNS AND				DOCKET NO. UNIT NAME DATE COMPLETED BY TELEPHONE	50-338 North Anna 1 10-05-84 Joan Lee (703) 894-5151 X2527
No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code 4	Component Code 5	Cause & Corr Action f Prevent Reco	to
84-14	840511	S	627.2	с	1	NA	NA	NA		n of Unit 1 Refu Unit 1 on line 7 at 0315.
84-15	840928	F	43.7	A	3	84-014	NA	NA		p due to Hi-Hi Level m generator.
84-16	840930	F	7.2	А	3	84-015	NA	NA	in steam gen	p due to Lo-Lo Level nerator. Ended this Unit 1 in mode 1.

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

#### VIRGINIA ELECTRIC AND POWER COMPANY NORTH ANNA POWER STATION

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#### UNIT NO. 1

## MONTH September

#### SUMMARY OF OPERATING EXPERIENCE

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.

DATE	TIME	DATA
September 1, 1984	0000	Began this month with Unit 1 in Mode 5.
September 14, 1984	1352	Started 1-RC-P-1A and pressure on Reactor Coolant System dropped, bumped FCV-1122 to open. Valve opened fully - lifting PORV's on pressurizer twice. Submitted plant deviation report # 84-1327 - See LER N1-84-011.
September 23, 1984	0105	entered Mode 4.
	1937	entered Mode 3.
September 25, 1984	0010	entered Mode 2.
	0049	Reactor Critical.
September 27, 1984	0315	Unit 1 on line.
September 28, 1984	1900	Comenced rampdown for turbine overspeed test.
	2028	Reactor trip due to High-High Level in 'B' Steam generator.
September 29, 1984	0438	Reactor Critical.
September 30, 1984	1532	Unit 1 on line.
	1613	Reactor trip due to Low-Low-Level in 'B' Steam generator.
	1939	Reactor Critical
	2400	Ended this month with unit 1 in Mode 1.

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## OPERATING DATA REPORT

DOCKET NO.	50-339
DATE	10-05-84
COMPLETED BY	Joan N. Lee
TELEPHONE	(703) 894-5151 X2527

### OPERATING STATUS

11. Hours In Reporting Period       720       6,575       33         12. Number of Hours Reactor Was Critical       0       4,821.8       24         13. Reactor Reserve Shutdown Hours       0       14.6       3         14. Hours Generator On-Line       0       4,713       24         15. Unit Reserve Shutdown Hours       0       0       0         16. Gross Thermal Energy Generated (MWH)       0       12,215,461       62,632         17. Gross Electrical Energy Generated (MWH)       0       4,026,505       20,740         18. Net Electrical Energy Generated (MWH)       0       3,812,307       19,664	/A		947 907 939 890 ems No. 3 thru	Reporting Period: September, 1984 Licensed Thermal Power (MWt): Nameplate Rating (Gross MWe): Design Electrical Rating (Net MWe): Maximum Dependable Capacity (Gross MWe): Maximum Dependable Capacity (Net MWe): If Changes Occur in Capacity Ratings (It	2. 3. 4. 5. 6. 7.
3. Licensed Thermal Power (MWt):       2775         4. Nameplate Rating (Gross MWe):       947         5. Design Electrical Rating (Net MWe):       907         6. Maximum Dependable Capacity (Gross MWe):       939         7. Maximum Dependable Capacity (Net MWe):       890         8. If Changes Occur in Capacity Ratings (Items No. 3 thru 7) Since Last Report, Give         N/A         9. Power Level To Which Restricted, If Any (Net MWe):       N/A         9. Power Level To Which Restricted, If Any:       N/A         10. Reasons For Restrictions, If Any:       N/A         11. Hours In Reporting Period       720       6,575       33         12. Number of Hours Reactor Was Critical       0       4,821.8       24         13. Reactor Reserve Shutdown Hours       0       14.6       3         14. Hours Generator On-Line       0       4,713       24         15. Unit Reserve Shutdown Hours       0       0       0       62,632         16. Gross Thermal Energy Generated (MWH)       0       12,215,461       62,632       20,740         18. Net Electrical Energy Generated (MWH)       0       3,812,307       19,664	/A		947 907 939 890 ems No. 3 thru	Licensed Thermal Power (MWt): Nameplate Rating (Gross MWe): Design Electrical Rating (Net MWe): Maximum Dependable Capacity (Gross MWe): Maximum Dependable Capacity (Net MWe): If Changes Occur in Capacity Ratings (It	3. 4. 5. 6. 7.
<ul> <li>4. Nameplate Rating (Gross MWe): 947</li> <li>5. Design Electrical Rating (Net MWe): 907</li> <li>6. Maximum Dependable Capacity (Gross MWe): 939</li> <li>7. Maximum Dependable Capacity (Net MWe): 890</li> <li>8. If Changes Occur in Capacity Ratings (Items No. 3 thru 7) Since Last Report, Give</li> <li>N/A</li> <li>9. Power Level To Which Restricted, If Any (Net MWe): N/A</li> <li>9. Power Level To Which Restricted, If Any (Net MWe): N/A</li> <li>9. Power Level To Which Restricted, If Any (Net MWe): N/A</li> <li>9. Power Level To Which Restricted, If Any (Net MWe): N/A</li> <li>9. Power Level To Which Restricted, If Any (Net MWe): N/A</li> <li>9. Power Level To Which Restricted, If Any: N/A</li> <li>9. Power Level To Which Restricted, If Any (Net MWe): N/A</li> <li>10. Reasons For Restrictions, If Any: N/A</li> <li>11. Hours In Reporting Period 720 6,575 33</li> <li>12. Number of Hours Reactor Was Critical 0 4,821.8 24</li> <li>13. Reactor Reserve Shutdown Hours 0 14.6 3</li> <li>14. Hours Generator On-Line 0 4,713 24</li> <li>15. Unit Reserve Shutdown Hours 0 0 0</li> <li>16. Gross Thermal Energy Generated (MWH) 0 12,215,461 62,632</li> <li>17. Gross Electrical Energy Generated (MWH) 0 3,812,307 19,664</li> </ul>	/A		947 907 939 890 ems No. 3 thru	Nameplate Rating (Gross MWe): Design Electrical Rating (Net MWe): Maximum Dependable Capacity (Gross MWe): Maximum Dependable Capacity (Net MWe): If Changes Occur in Capacity Ratings (It	4. 5. 6. 7.
5. Design Electrical Rating (Net MWe): 907 6. Maximum Dependable Capacity (Gross MWe): 939 7. Maximum Dependable Capacity (Net MWe): 890 8. If Changes Occur in Capacity Ratings (Items No. 3 thru 7) Since Last Report, Give N/A 9. Power Level To Which Restricted, If Any (Net MWe): N/A 10. Reasons For Restrictions, If Any: N/A 10. Reasons For Restrictions, If Any: N/A 11. Hours In Reporting Period 720 6,575 33 12. Number of Hours Reactor Was Critical 0 4,821.8 24 13. Reactor Reserve Shutdown Hours 0 14.6 3 14. Hours Generator On-Line 0 4,713 24 15. Unit Reserve Shutdown Hours 0 12,215,461 62,632 16. Gross Thermal Energy Generated (MWH) 0 4,026,505 20,740 18. Net Electrical Energy Generated (MWH) 0 3,812,307 19,664	/A		907 939 890 ems No. 3 thru	Design Electrical Rating (Net MWe): Maximum Dependable Capacity (Gross MWe): Maximum Dependable Capacity (Net MWe): If Changes Occur in Capacity Ratings (It	5. 6. 7.
6. Maximum Dependable Capacity (Gross MWe): 939         7. Maximum Dependable Capacity (Net MWe): 890         8. If Changes Occur in Capacity Ratings (Items No. 3 thru 7) Since Last Report, Give         N/A         9. Power Level To Which Restricted, If Any (Net MWe): N/A         10. Reasons For Restrictions, If Any: N/A         11. Hours In Reporting Period         12. Number of Hours Reactor Was Critical         13. Reactor Reserve Shutdown Hours         14. Hours Generator On-Line         15. Unit Reserve Shutdown Hours         16. Gross Thermal Energy Generated (MWH)         17. Gross Electrical Energy Generated (MWH)         18. Net Electrical Energy Generated (MWH)	/A		939 890 ems No. 3 thru	Maximum Dependable Capacity (Gross MWe): Maximum Dependable Capacity (Net MWe): If Changes Occur in Capacity Ratings (It	6. 7.
7. Maximum Dependable Capacity (Net MWe):       890         8. If Changes Occur in Capacity Ratings (Items No. 3 thru 7) Since Last Report, Give         N/A         9. Power Level To Which Restricted, If Any (Net MWe):       N/A         10. Reasons For Restrictions, If Any:       N/A         11. Hours In Reporting Period       720       6,575       33         12. Number of Hours Reactor Was Critical       0       4,821.8       24         13. Reactor Reserve Shutdown Hours       0       14.6       3         14. Hours Generator On-Line       0       4,713       24         15. Unit Reserve Shutdown Hours       0       12,215,461       62,632         16. Gross Thermal Energy Generated (MWH)       0       12,215,461       62,632         17. Gross Electrical Energy Generated (MWH)       0       3,812,307       19,664	/A		890 ems No. 3 thru	Maximum Dependable Capacity (Net MWe): If Changes Occur in Capacity Ratings (It	7.
<ul> <li>8. If Changes Occur in Capacity Ratings (Items No. 3 thru 7) Since Last Report, Give N/A</li> <li>9. Power Level To Which Restricted, If Any (Net MWe): N/A</li> <li>10. Reasons For Restrictions, If Any: N/A</li> <li>11. Hours In Reporting Period 720 6,575 33</li> <li>12. Number of Hours Reactor Was Critical 0 4,821.8 24</li> <li>13. Reactor Reserve Shutdown Hours 0 14.6 3</li> <li>14. Hours Generator On-Line 0 4,713 24</li> <li>15. Unit Reserve Shutdown Hours 0 0</li> <li>16. Gross Thermal Energy Generated (MWH) 0 12,215,461 62,632</li> <li>17. Gross Electrical Energy Generated (MWH) 0 3,812,307 19,664</li> </ul>	/A		ems No. 3 thru	If Changes Occur in Capacity Ratings (It	
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10. Reasons For Restrictions, If Any:       N/A         11. Hours In Reporting Period       This Month       Yrto-Date       Cumular         11. Hours In Reporting Period       720       6,575       33         12. Number of Hours Reactor Was Critical       0       4,821.8       24         13. Reactor Reserve Shutdown Hours       0       14.6       3         14. Hours Generator On-Line       0       4,713       24         15. Unit Reserve Shutdown Hours       0       0       0         16. Gross Thermal Energy Generated (MWH)       0       12,215,461       62,632         17. Gross Electrical Energy Generated (MWH)       0       3,812,307       19,664	and a second design of the sec	N/A			
10. Reasons For Restrictions, If Any:       N/A         11. Hours In Reporting Period       This Month       Yrto-Date       Cumular         11. Hours In Reporting Period       720       6,575       33         12. Number of Hours Reactor Was Critical       0       4,821.8       24         13. Reactor Reserve Shutdown Hours       0       14.6       3         14. Hours Generator On-Line       0       4,713       24         15. Unit Reserve Shutdown Hours       0       0       0         16. Gross Thermal Energy Generated (MWH)       0       12,215,461       62,632         17. Gross Electrical Energy Generated (MWH)       0       3,812,307       19,664	and a second	N/A			
This MonthYrto-DateCumular11. Hours In Reporting Period $720$ $6,575$ $33$ 12. Number of Hours Reactor Was Critical0 $4,821.8$ $24$ 13. Reactor Reserve Shutdown Hours0 $14.6$ $3$ 14. Hours Generator On-Line0 $4,713$ $24$ 15. Unit Reserve Shutdown Hours00 $0$ 16. Gross Thermal Energy Generated (MWH)0 $12,215,461$ $62,632$ 17. Gross Electrical Energy Generated (MWH)0 $3,812,307$ $19,664$	/A		(Net MWe):	Power Level To Which Restricted, If Any	9.
11. Hours In Reporting Period       720       6,575       33         12. Number of Hours Reactor Was Critical       0       4,821.8       24         13. Reactor Reserve Shutdown Hours       0       14.6       3         14. Hours Generator On-Line       0       4,713       24         15. Unit Reserve Shutdown Hours       0       0       0         16. Gross Thermal Energy Generated (MWH)       0       12,215,461       62,632         17. Gross Electrical Energy Generated (MWH)       0       4,026,505       20,740         18. Net Electrical Energy Generated (MWH)       0       3,812,307       19,664		N/A			
11. Hours In Reporting Period       720       6,575       33         12. Number of Hours Reactor Was Critical       0       4,821.8       24         13. Reactor Reserve Shutdown Hours       0       14.6       3         14. Hours Generator On-Line       0       4,713       24         15. Unit Reserve Shutdown Hours       0       0       0         16. Gross Thermal Energy Generated (MWH)       0       12,215,461       62,632         17. Gross Electrical Energy Generated (MWH)       0       4,026,505       20,740         18. Net Electrical Energy Generated (MWH)       0       3,812,307       19,664					
11. Hours In Reporting Period       720       6,575       33         12. Number of Hours Reactor Was Critical       0       4,821.8       24         13. Reactor Reserve Shutdown Hours       0       14.6       3         14. Hours Generator On-Line       0       4,713       24         15. Unit Reserve Shutdown Hours       0       0       0         16. Gross Thermal Energy Generated (MWH)       0       12,215,461       62,632         17. Gross Electrical Energy Generated (MWH)       0       4,026,505       20,740         18. Net Electrical Energy Generated (MWH)       0       3,812,307       19,664		<u></u>		- 2011-1	
12.Number of Hours Reactor Was Critical0 $4,821.8$ 2413.Reactor Reserve Shutdown Hours0 $14.6$ 314.Hours Generator On-Line0 $4,713$ 2415.Unit Reserve Shutdown Hours0016.Gross Thermal Energy Generated (MWH)0 $12,215,461$ $62,632$ 17.Gross Electrical Energy Generated (MWH)0 $4,026,505$ $20,740$ 18.Net Electrical Energy Generated (MWH)0 $3,812,307$ $19,664$	Cumulative			the second s	
13. Reactor Reserve Shutdown Hours       0       14.6       3         14. Hours Generator On-Line       0       4,713       24         15. Unit Reserve Shutdown Hours       0       0       0         16. Gross Thermal Energy Generated (MWH)       0       12,215,461       62,632         17. Gross Electrical Energy Generated (MWH)       0       4,026,505       20,740         18. Net Electrical Energy Generated (MWH)       0       3,812,307       19,664	33,287	and the second sec	state in the second		
14. Hours Generator On-Line       0       4,713       24         15. Unit Reserve Shutdown Hours       0       0       0       0         16. Gross Thermal Energy Generated (MWH)       0       12,215,461       62,632       0         17. Gross Electrical Energy Generated (MWH)       0       4,026,505       20,740         18. Net Electrical Energy Generated (MWH)       0       3,812,307       19,664			and the second se		
15.       Unit Reserve Shutdown Hours       0       0         16.       Gross Thermal Energy Generated (MWH)       0       12,215,461       62,632         17.       Gross Electrical Energy Generated (MWH)       0       4,026,505       20,740         18.       Net Electrical Energy Generated (MWH)       0       3,812,307       19,664		and some state of the second se	and the second se		
16. Gross Thermal Energy Generated (MWH)       0       12,215,461       62,632         17. Gross Electrical Energy Generated (MWH)       0       4,026,505       20,740         18. Net Electrical Energy Generated (MWH)       0       3,812,307       19,664	24,220.1	NAMES OF TAXABLE PARTY AND ADDRESS OF TAXABLE PARTY.	Contraction in the second s		
17. Gross Electrical Energy Generated (MWH)         0         4,026,505         20,740           18. Net Electrical Energy Generated (MWH)         0         3,812,307         19,664	0		the second s		
18. Net Electrical Energy Generated (MWH) 0 3,812,307 19,664	62,632,502		and the second		
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19. Unit Service Factor 0 71.7	19,664,389	Taxable of the local data and th		0,	
	and the second state and state	71.7	and the second sec		19.
20. Unit Availability Factor 0 71.7		and the second	Contraction of the Contraction o		
21. Unit Capacity Factor (Using MDC Net) 0 65.1		and the second sec	and the second second of the second se		
22. Unit Capacity Factor (Using DER Net) 0 63.9		the second se			
23. Unit Forced Outage Rate 0 3.1	15.2	and some the same time is a supervised of the same time and the same time to be a supervised of the same time time time to be a supervised of the same time time time time time time time ti			
24. Shutdown; Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	Each):	and Duration of Ea	(Type, Date, a	Shutdown; Scheduled Over Next 6 Months	24.
Unit 2 Scheduled spring maintenance is May 24, 1985 10 days.	0 days.	24, 1985 10	enance is May	Unit 2 Scheduled spring maint	
Unit 2 Scheduled spring maintenance is May 24, 1985 10 days.	0 days.	24, 1985 10	enance is May	Unit 2 Scheduled spring maint	

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#### AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO	50-339
UNIT _	NA-2
DATE _	10-05-84
COMPLETED BY	Joan N. Lee

TELEPHONE 703-894-5151X2527

MONTH	September		
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	00
8	0	24	0
9	0	25	00
10	0	26	0
1	0	27	0
12	0	28	0
13	0	29	00
14	0	30	0
15	0	31	0
16	0		

#### INSTRUCTIONS

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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 are gawatt.

Page 1 of 1

UNIT SHUTDOWN AND POWER REDUCTIONS EXPLANATION SHEET DOCKET NO. <u>50-339</u> REPORT MONTH <u>SEPTEMBER</u> UNIT NAME <u>NA-2</u> YEAR <u>1984</u> DATE <u>10-05-84</u> COMPLETED BY Joan Lee

No entries this month.

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						ONS		DOCKET NO. UNIT NAME DATE COMPLETED BY TELEPHONE	50-339 North Anna 2 10-05-84 Joan Lee (703) 894-5151 X2527
		Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Event		System Code 4	Component Code 5	Action t	0
S	720	D/C	1	LER-00	)6	NA	NA	Unit 2 comme due to unqua coating on 0 lation Ducty August 2, 19 line . Unit line for sch outage. Unit line for the for refuelin	1984 at 1834 enced ramping down alified protective Containment Venti- ork. By 2309 on 084 Unit 2 was off 2 remained off meduled refueling 2 remained off abouth of September ag outage. Ended with Unit 2 in Mode 5
A-Equ B-Mai C-Ref D-Reg E-Ope	ipment Faintenance Sueling Sulatory Perator Tra	or Test Restricti aining &	on	ation	1-Manua 2-Manua 3-Autom 4-Conti	il I Scram. natic Scra nuations Reduction	fo En m Ev (N	r Preparation of try Sheets for I ent Report (LER)	f Data Licensee
	S S Reaso A-Equ B-Mai C-Ref D-Reg E-Ope	(Hours) S 720 S 720 2 Reason: A-Equipment F: B-Maintenance C-Refueling D-Regulatory I E-Operator Tr	Type <sup>1</sup> Duration Reason <sup>2</sup> (Hours) S 720 D/C S 720 D/C Reason: A-Equipment Failure (E B-Maintenance or Test C-Refueling D-Regulatory Restricti	2         Reason:         A-Equipment Failure (Explain)         B-Maintenance or Test         C-Refueling         D-Regulatory Restriction         E-Operator Training & License Examina	2         Reason:         A-Equipment Failure (Explain)         B-Maintenance or Test         C-Refueling         D-Regulatory Restriction         E-Operator Training & License Examination	Zeport Month       September         Type <sup>1</sup> Duration Reason <sup>2</sup> (Hours)       Method of Shutting Bevent Down Reactor <sup>3</sup> Report #         S       720       D/C       1       LER-006         S       720       D/C       1       LER-006         Reason:       Method of Shutting Bethod of Shutting Behavior       Method of Shutting Shuttigener Shuttigener Shutigener Shuttigener Shuttigenegener Shutting	Type <sup>1</sup> Duration Reason <sup>2</sup> Method of Shutting Down Reactor <sup>3</sup> Licensee Event Code 4         S       720       D/C       1       LER-006       NA         S       720       D/C       1       LER-006       NA         Reason:       Method:       1       1       Hethod:       1         Reason:       Method:       1       1       Hethod:       1         B-Maintenance or Test       Method:       1       1       Method:       1         D-Regulatory Restriction       B-Method:       1       3       Method:       3         B-Regulatory Restriction       S-Load Reduction       S-Load Reduction       5       5       1	REPORT MONTH       September         Type <sup>1</sup> Duration (Hours)       Reason <sup>2</sup> Method of Shutting Down Reactor <sup>3</sup> Report #       Licensee System Component Code 5         S       720       D/C       1       LER-006       NA       NA         S       720       D/C       1       LER-006       NA       NA         Reason:       Method:       Event       September       September         Provide Reason       Method:       Event       September         S       720       D/C       1       LER-006       NA       NA         Reason:       Method:       Event       Event       Event       September         A-Equipment Failure (Explain)       1-Manual       for       Event       September         B-Maintenance or Test       2-Manual Scram.       End       3-Automatic Scram.       End         C-Regulatory Restriction       E-Operator Training & License Examination       S-Load Reduction       S-Load Reduction	2       3       4         Reson:       Action faite and the fait

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## VIRGINIA ELECTRIC AND POWER COMPANY NORTH ANNA POWER STATION

#### UNIT NO. 2

### MONTH September

## SUMMARY OF OPERATING EXPERIENCE

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.

DATE	TIME	DATA
September 1, 1984	0000	Began this month with Unit 2 in Mode 6 for scheduled Refueling Outage.
September 29, 1984	1145	Entered Mode 5.
September 30, 1984	2400	Ended this month with Unit 2 in Mode 5. Expected on line date is October 23, 1984

## VIRGINIA ELECTRIC AND POWER COMPANY Richmond, Vieginia 23261

W. L. STEW. VICE PRESIDENT NUCLEAR OPERATIONS

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October 15, 1984

Mr. Maurice R. Beebe Office of Resource Management U. S. Nuclear Regulatory Commission Washington, D. C. 20555 Serial No. 592 NO/JHL:acm Docket Nos. 50-338 50-339 License Nos. NPF-4 NPF-7

Dear Mr. Beebe:

Enclosed is the Monthly Operating Report for North Anna Power Station Unit Nos. 1 and 2 for the month of September, 1984.

Very truly yours, W. L. Stewart

Enclosure (3 copies)

cc: Mr. R. C. DeYoung, Director (12 copies) Office of Inspection and Enforcement

> Mr. James P. O'Reilly (1 copy) Regional Administrator Region II

Mr. M. W. Branch NRC Resident Inspector North Anna Power Station