



September 14, 2000
RC-00-0309

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Attention: Director, Office of Resource Management

Gentlemen:

Stephen A. Byrne
Vice President
Nuclear Operations
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Subject: VIRGIL C. SUMMER NUCLEAR STATION
DOCKET NO. 50/395
OPERATING LICENSE NO. NPF-12
AUGUST MONTHLY OPERATING REPORT

Enclosed is the August 2000 Monthly Operating Report for the Virgil C. Summer Nuclear Station Unit No. 1. This submittal is made in accordance with the requirements of Technical Specifications, Section 6.9.1.10.

If there are any questions, please call me at your convenience.

Very truly yours,

Stephen A. Byrne

SAB/nkk
Attachment

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IE24

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ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 9/13/2000
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

AUGUST 2000

DAY AVERAGE DAILY POWER LEVEL

DAY AVERAGE DAILY POWER LEVEL

	(MWe-Net)		(MWe-Net)
1.	954	17.	950
2.	953	18.	948
3.	954	19.	949
4.	953	20.	951
5.	953	21.	951
6.	953	22.	952
7.	953	23.	953
8.	951	24.	951
9.	950	25.	951
10.	950	26.	951
11.	948	27.	953
12.	944	28.	954
13.	948	29.	952
14.	950	30.	953
15.	950	31.	954
16.	950		

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 9/13/2000
 COMPLETED BY W. H. BELL
 TELEPHONE (803) 345-4389

OPERATING STATUS

- 1. Reporting Period: August 2000
- Gross Hours in Reporting Period: 744
- 2. Currently Authorized Power Level (Mwt): 2900
- Max. Depend. Capacity (MWe-Net): 966
- Design Electrical Rating (MWe-Net): 972.7
- 3. Power Level to Which Restricted (If Any) (MWe-Net): N/A
- 4. Reasons for Restrictions: N/A

	THIS MONTH	YR TO DATE	CUMULATIVE
	-----	-----	-----
5. Number of Hours Reactor Critical	744.0	5855.0	123284.0
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	744.0	5823.7	121661.6
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2154954	16719475	326312782
10. Gross Electrical Energy (MWH)	737180	5794970	109684689
11. Net Electrical Energy Generated (MWH)	707606	5568139	104722983
12. Reactor Service Factor	100.0	100.0	84.4
13. Reactor Availability Factor	100.0	100.0	84.4
14. Unit Service Factor	100.0	99.5	83.3
15. Unit Availability Factor	100.0	99.5	83.3
16. Unit Capacity Factor (Using MDC)	98.5	98.4	79.6
17. Unit Capacity Factor (Design MWe)	97.8	97.8	78.4
18. Unit Forced Outage Rate	0.0	0.5	3.4
19. Shutdowns Scheduled Over Next 6 Months (Type, Date & Duration of Each): REFUELING OUTAGE, OCTOBER 6, 2000, 38 DAYS			
20. If Shut Down at End of Report Period, Estimated Date of Startup: N/A			
21. Units in Test Status (Prior to Commercial Operation): N/A			

ATTACHMENT III
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 9/13/2000
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

AUGUST 2000

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
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NONE

1.0 REASON

- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training and License Examination
- F: Administrative
- G: Operational Error
- H: Other (Explain)

2.0 METHOD

- 1: Manual
- 2: Manual Scram
- 3: Automatic Scram
- 4: Continuation (Use initial Date)
- 5: Power Reduction (Duration 0.0)
- 9: Other (Explain)

ATTACHMENT IV
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	9/13/2000
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

AUGUST 2000

At 2118 hours on August 11th, reactor power was reduced by approximately 1% due to a high circulating water discharge temperature. This was caused by high lake water inlet temperature due to the hot August weather. Full power was restored at 1100 hours on August 13th. The plant operated at 100% power at all other times during the month of August.

MISCELLANEOUS OPERATING STATISTICS THRU August 2000

VIRGIL C SUMMER NUCLEAR STATION, UNIT 1

OPERATING STATUS

Currently Authorized Power Level (Mwt): 2900
 Max. Depend. Capacity (MWe-Net): 966
 Design Electrical Rating (MWe-Net): 972
 Gross Maximum Capacity (MWe): 1019
 Gross Dependable Capacity (MWe): 1007

	LIFE OF PLANT	FISCAL YEAR TO DATE	12 MONTH TOTALS	3 MONTH TOTALS
	-----	-----	-----	-----
Number of Hours Reactor Critical	130618.8	1488.0	8784.0	2208.0
Reactor Reserve Shutdown Hours	0.0	0.0		
Hours Generator on Line	128661.0	1488.0	8752.7	2176.7
Unit Reserve Shutdown Hours	0.0	0.0		
Gross Thermal Energy Generated (MWH)	340923317	4310697	25161316	6246411
Gross Electrical Energy(MWH)	114465199	1476270	8739710	2141080
Net Electrical Energy Generated (MWH)	109215709	1417170	8404369	2053609
Reactor Service Factor	83.8	100.0		
Reactor Availability Factor	83.8	100.0		
Unit Service Factor	82.5	100.0		
Unit Availability Factor	82.5	100.0	99.6	98.6
Unit Capacity Factor (Using MDC)	77.9	98.6	99.5	96.2
Unit Capacity Factor (Design MWe)	76.7	97.9		
Unit Forced Outage Rate	3.8	0.0	0.4	
Forced Outage Hours	5017.0	0.0	31.3	31.3
Scheduled Outage Hours	22275.0	0.0	0.0	0.0
Equipment Forced Outages:			1	1
Equivalent Unit Derated Hours*			217.90	168.10
Equivalent Seasonal Derated Hours*			21.38	14.78
Equivalent Availability Factor*			96.9	90.3
Equivalent Unit Derated Hours* for Month:	115.0			
Equivalent Seasonal Derated Hours* for Month:	7.5			
Equivalent Availability Factor* for Month:	83.5			
Equivalent Availability Factor* for 36 months:	92.4			
Year-to-Date Equivalent Availability Factor*:	95.8			
Equipment Forced Outages per 1000 Critical Hours:	0.114			
Equipment Forced Outages Year-to-Date:	1			
Total Forced Outages Year-to-Date:	1			

* Based on INPO Detailed Descriptions of Overall Performance Indicators
 and Other Indicators - December 1987

MONTH: AUGUST 2000

HOURS GENERATOR ON LINE: 744

UNIT AVAILABILITY FACTOR: 100

V. C. SUMMER, UNIT 1

MONTHLY OUTAGE REPORT FOR AUGUST 2000

OUTAGE !	START !	END !	HOURS !	TYPE!	REASON FOR OUTAGE !	CORRECTIVE ACTION
NO. !	TIME !	TIME !	DURATION!	!	!	!
-----!-----!-----!-----!-----!-----!-----						

NONE