



July 12, 2000  
RC-00-0263

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U. S. Nuclear Regulatory Commission  
Washington, DC 20555

Attention: Director, Office of Resource Management

Gentlemen:

**Stephen A. Byrne**  
Vice President  
Nuclear Operations  
803.345.4622

Subject: VIRGIL C. SUMMER NUCLEAR STATION  
DOCKET NO. 50/395  
OPERATING LICENSE NO. NPF-12  
JUNE MONTHLY OPERATING REPORT

Enclosed is the June 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.

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Very truly yours,



Stephen A. Byrne

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Attachment

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ATTACHMENT I  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395  
UNIT V. C. SUMMER I  
DATE 7/10/00  
COMPLETED BY W. H. BELL  
TELEPHONE (803) 345-4389

JUNE 2000

DAY AVERAGE DAILY POWER LEVEL

DAY AVERAGE DAILY POWER LEVEL

	(MWe-Net)		(MWe-Net)
1.	960	17.	122
2.	961	18.	592
3.	959	19.	894
4.	958	20.	953
5.	958	21.	954
6.	958	22.	957
7.	959	23.	957
8.	960	24.	957
9.	953	25.	957
10.	952	26.	959
11.	959	27.	958
12.	958	28.	959
13.	957	29.	957
14.	956	30.	958
15.	940		
16.	37		

ATTACHMENT II  
OPERATING DATA REPORT

DOCKET NO. 50/395  
UNIT V. C. SUMMER I  
DATE 7/10/00  
COMPLETED BY W. H. BELL  
TELEPHONE (803) 345-4389

OPERATING STATUS

1. Reporting Period: June 2000  
Gross Hours in Reporting Period: 720
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	720.0	4367.0	121796.0
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	688.7	4335.7	120173.6
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	1935714	12408778	322002085
10. Gross Electrical Energy (MWH)	664810	4318700	108208419
11. Net Electrical Energy Generated (MWH)	636439	4150969	103305813
12. Reactor Service Factor	100.0	100.0	84.2
13. Reactor Availability Factor	100.0	100.0	84.2
14. Unit Service Factor	95.7	99.3	83.1
15. Unit Availability Factor	95.7	99.3	83.1
16. Unit Capacity Factor (Using MDC)	91.5	98.9	79.4
17. Unit Capacity Factor (Design MWe)	90.9	97.7	78.2
18. Unit Forced Outage Rate	4.3	0.7	3.5
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		

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ATTACHMENT III  
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50/395  
UNIT V. C. SUMMER I  
DATE 7/10/00  
COMPLETED BY W. H. BELL  
TELEPHONE (803) 345-4389

JUNE 2000

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
2	000616	F	31.3	B	1	REPAIRED "C" MAIN FIV OPERATOR

- 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)

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ATTACHMENT IV  
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50/395  
UNIT V. C. SUMMER I  
DATE 7/10/00  
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TELEPHONE (803) 345-4389

JUNE 2000

On June 15 at 21:37, a power reduction began and at 05:03 on June 16 the Main Generator breaker was opened. This was done to support repairs to the "C" Main Feedwater Isolation Valve operator. Repairs were completed and the Main Generator breaker closed on June 17 at 12:20. Full power was restored at 19:34 on June 19. The plant operated at 100% RTP for all other times during the month.

MISCELLANEOUS OPERATING STATISTICS THRU June 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): 1011

	LIFE OF PLANT	FISCAL YEAR TO DATE	12 MONTH TOTALS	3 MONTH TOTALS
Number of Hours Reactor Critical	129130.8	8784.0	8784.0	2183.0
Reactor Reserve Shutdown Hours	0.0	0.0		
Hours Generator on Line	127173.0	8752.7	8752.7	2151.7
Unit Reserve Shutdown Hours	0.0	0.0		
Gross Thermal Energy Generated (MWH)	336612620	25161869	25161869	6134701
Gross Electrical Energy(MWH)	112988929	8760970	8760970	2123740
Net Electrical Energy Generated (MWH)	107798539	8428652	8428652	2038133
Reactor Service Factor	83.6	100.0		
Reactor Availability Factor	83.6	100.0		
Unit Service Factor	82.3	99.6		
Unit Availability Factor	82.3	99.6	99.6	98.6
Unit Capacity Factor (Using MDC)	77.6	99.9	99.9	96.6
Unit Capacity Factor (Design MWe)	76.5	99.2		
Unit Forced Outage Rate	3.8	0.4	0.4	
Forced Outage Hours	5017.0	31.3	31.3	31.3
Scheduled Outage Hours	22275.0	0.0	0.0	0.0
Equipment Forced Outages:			1	1
Equivalent Unit Derated Hours*			102.90	68.80
Equivalent Seasonal Derated Hours*			21.38	3.53
Equivalent Availability Factor*			98.2	95.3
Equivalent Unit Derated Hours* for Month:	53.1			
Equivalent Seasonal Derated Hours* for Month:	2.8			
Equivalent Availability Factor* for Month:	87.9			
Equivalent Availability Factor* for 36 months:	89.6			
Year-to-Date Equivalent Availability Factor*:	97.2			
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: JUNE 2000

HOURS GENERATOR ON LINE: 688.7

UNIT AVAILABILITY FACTOR: 95.7

V. C. SUMMER, UNIT 1

MONTHLY OUTAGE REPORT FOR JUNE 2000

OUTAGE NO.	START TIME	END TIME	HOURS DURATION	TYPE	REASON FOR OUTAGE	CORRECTIVE ACTION
1	000616 05:03	000617 12:20	31.3	F	EQUIP. MAINTENANCE	REPAIRED "C" MAIN FEEDWATER ISOLATION VALVE OPERATOR