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September 9, 2003

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

Attention: Director, Office of Resource Management

Ladies and Gentlemen:

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

Enclosed is the August 2003 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/mbb  
Attachment

c: J. B. Archie  
T. G. Eppink (w/o Attachment)  
R. J. White  
L. A. Reyes  
K. R. Cotton  
T. D. Gatlin  
NRC Resident Inspector  
K. M. Sutton  
Paulette Ledbetter

INPO Records Center  
J&H Marsh & McLennan  
William G. Wendland (ANI)  
Pat Haught (Westinghouse)  
C. W. Adams  
NSRC  
RTS (0-L-99-0350-1)  
File (818.03-1, RR 4100)  
DMS (RC-03-0189)

ATTACHMENT I  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395  
UNIT V. C. SUMMER I  
DATE September 3, 2003  
COMPLETED BY W. H. BELL  
TELEPHONE (803) 345-4389

August 2003

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	972	17	973
2	973	18	971
3	973	19	972
4	972	20	973
5	973	21	972
6	971	22	970
7	972	23	971
8	972	24	971
9	972	25	971
10	973	26	970
11	974	27	970
12	973	28	970
13	973	29	970
14	972	30	970
15	971	31	970
16	972		

ATTACHMENT II  
 OPERATING DATA REPORT

DOCKET NO. 50/395  
 UNIT V. C. SUMMER I  
 DATE September 3, 2003  
 COMPLETED BY W. H. BELL  
 TELEPHONE (803) 345-4389

OPERATING  
 STATUS

1	Reporting Period:	August 2003
	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

	<u>THIS MONTH</u>	<u>YR TO DATE</u>	<u>CUMULATIVE</u>	
5	Number of Hours Reactor Critical	744.0	5762.7	144912.0
6	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7	Hours Generator On Line	744.0	5756.5	143026.9
8	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9	Gross Thermal Energy Generated (MWH)	2155488	16649035	387478816
10	Gross Electrical Energy (MWH)	752460	5851050	131076939
11	Net Electrical Energy Generated (MWH)	722976	5623512	125274211
12	Reactor Service Factor	100.0	98.8	84.1
13	Reactor Availability Factor	100.0	98.8	84.1
14	Unit Service Factor	100.0	98.7	83.0
15	Unit Availability Factor	100.0	98.7	83.0
16	Unit Capacity Factor (Using MDC)	100.6	99.8	79.9
17	Unit Capacity Factor (Using Design)	99.9	99.1	78.8
18	Unit Forced Outage Rate	0.0	1.3	3.1
19	Shutdowns Scheduled Over Next 6 Months (Type, Date, & Duration of Each): Refueling Outage, October 11, 2003, 36 Days			
20	If Shutdown 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 REDUCTION

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

August 2003

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
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N/A

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

SUMMARY:

**ATTACHMENT IV  
NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

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UNIT V. C. SUMMER I  
DATE September 3, 2003  
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TELEPHONE (803) 345-4389**

**August 2003**

**V. C. Summer Station operated at 100% power for the entire month of August, 2003.**