

Stephen A. Byrne
Senior Vice President, Nuclear Operations
803.345.4622



January 13, 2004

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

Attention: Director, Office of Resource Management

Dear Sir / Madam:

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

Enclosed is the December 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
W. R. Higgins

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-04-0010)

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ATTACHMENT I
 AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE January 12, 2004
 COMPLETED BY W. H. BELL
 TELEPHONE (803) 345-4389

December 2003

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	983	17	983
2	982	18	983
3	982	19	983
4	973	20	986
5	981	21	984
6	982	22	985
7	982	23	985
8	983	24	985
9	982	25	985
10	983	26	985
11	983	27	987
12	983	28	983
13	985	29	983
14	984	30	986
15	984	31	987
16	983		

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	January 12, 2004
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

OPERATING
 STATUS

1	Reporting Period:	December 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	7655.2	146804.5
6	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7	Hours Generator On Line	744.0	7565.0	144835.4
8	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9	Gross Thermal Energy Generated (MWH)	2155182	21786274	392616055
10	Gross Electrical Energy (MWH)	761350	7650970	132876859
11	Net Electrical Energy Generated (MWH)	731637	7352094	127002793
12	Reactor Service Factor	100.0	87.4	83.7
13	Reactor Availability Factor	100.0	87.4	83.7
14	Unit Service Factor	100.0	86.4	82.6
15	Unit Availability Factor	100.0	86.4	82.6
16	Unit Capacity Factor (Using MDC)	101.8	86.9	79.6
17	Unit Capacity Factor (Using Design)	101.1	86.3	78.5
18	Unit Forced Outage Rate	0.0	1.0	3.0
19	Shutdowns Scheduled Over Next 6 Months (Type, Date, & Duration of Each): None			
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

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December 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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TELEPHONE	(803) 345-4389

December 2003

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