

Stephen A. Byrne  
Senior Vice President, Nuclear Operations  
803.345.4622



February 6, 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  
JANUARY MONTHLY OPERATING REPORT

Enclosed is the January 2004 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-04-0029)

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ATTACHMENT I  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395  
UNIT V. C. SUMMER I  
DATE February 3, 2004  
COMPLETED BY W. H. BELL  
TELEPHONE (803) 345-4389

January 2004

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	986	17	986
2	987	18	987
3	987	19	985
4	989	20	986
5	985	21	986
6	986	22	985
7	985	23	986
8	986	24	986
9	984	25	985
10	987	26	985
11	985	27	984
12	986	28	985
13	986	29	986
14	986	30	986
15	986	31	986
16	986		

ATTACHMENT II  
OPERATING DATA REPORT

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	February 3, 2004
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

OPERATING  
STATUS

1	Reporting Period:	January 2004
	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	744.0	147548.5
6	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7	Hours Generator On Line	744.0	744.0	145579.4
8	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9	Gross Thermal Energy Generated (MWH)	2155372	2155372	394771427
10	Gross Electrical Energy (MWH)	763080	763080	133639939
11	Net Electrical Energy Generated (MWH)	733400	733400	127736193
12	Reactor Service Factor	100.0	100.0	83.8
13	Reactor Availability Factor	100.0	100.0	83.8
14	Unit Service Factor	100.0	100.0	82.7
15	Unit Availability Factor	100.0	100.0	82.7
16	Unit Capacity Factor (Using MDC)	102.0	102.0	79.7
17	Unit Capacity Factor (Using Design)	101.3	101.3	78.6
18	Unit Forced Outage Rate	0.0	0.0	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

DOCKET NO.	50/395
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TELEPHONE	(803) 345-4389

January 2004

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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DATE	February 3, 2004
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

January 2004

V. C. Summer Station operated at 100% power for the entire month of January, 2004.