

Jeffrey B. Archie
Vice President, Nuclear Operations
803.345.4214



August 10, 2005

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
JULY MONTHLY OPERATING REPORT

Enclosed is the July 2005 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,

Jeffrey B. Archie

JBA/mbb
Attachment

c: T. D. Gatlin
T. G. Eppink (w/o Attachment)
R. J. White
W. D. Travers
R. E. Martin
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NRC Resident Inspector
Morgan Lewis
Paulette Ledbetter
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File (818.03-1, RR 4100)
DMS (RC-05-0121)

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ATTACHMENT I
 AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE July 6, 2005
 COMPLETED BY T. V. Dao
 TELEPHONE (803) 345-4812

July 2005

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	981	17	981
2	982	18	982
3	982	19	981
4	982	20	980
5	982	21	980
6	981	22	981
7	982	23	978
8	981	24	978
9	981	25	979
10	981	26	978
11	982	27	868
12	981	28	842
13	982	29	811
14	982	30	802
15	982	31	818
16	980		

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	July 6, 2005
COMPLETED BY	T. V. Dao
TELEPHONE	(803) 345-4812

OPERATING STATUS

1	Reporting Period:	July 2005
	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	
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5	Number of Hours Reactor Critical	744.0	4157.3	159467.9
6	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7	Hours Generator On Line	744.0	4127.7	157377.5
8	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9	Gross Thermal Energy Generated (MWH)	2104444	11730447	428668612
10	Gross Electrical Energy (MWH)	740560	4141590	145594779
11	Net Electrical Energy Generated (MWH)	711434	3978515	139224644
12	Reactor Service Factor	100.0	81.7	84.3
13	Reactor Availability Factor	100.0	81.7	84.3
14	Unit Service Factor	100.0	81.1	83.2
15	Unit Availability Factor	100.0	81.1	83.2
16	Unit Capacity Factor (Using MDC)	99.0	81.0	80.5
17	Unit Capacity Factor (Using Design)	98.3	80.4	79.4
18	Unit Forced Outage Rate	0.0	0.0	0.0
19	Shutdowns Scheduled Over Next 6 Months (Type, Date, & Duration of Each):			
	N/A			
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
 DATE July 6, 2005
 COMPLETED BY T. V. Dao
 TELEPHONE (803) 345-4812

July 2005

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
4	7/27/2005	F	0.0	A	5	Reactor power was reduced to approximately 85% due to failure of the "B" Circulating Water pump motor. The pump motor is being repaired.

- 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	July 6, 2005
COMPLETED BY	T. V. Dao
TELEPHONE	(803) 345-4812

July 2005

V. C. Summer Station operated at 100% power for the entire month of July 2005, with the exception of a power reduction on 07/27/2005 at 02:00 due to failure of the "B" Circulating Water Pump Motor. The unit is operating at approximately 85% reactor power with the two remaining Circulating Water pumps in service. The "B" Circulating Water pump motor is being repaired with an estimated completion date of 08/12/2005.