

Jeffrey B. Archie
Vice President, Nuclear Operations
803.345.4214



October 7, 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
SEPTEMBER MONTHLY OPERATING REPORT

Enclosed is the September 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,

Jeffrey B. Archie

JBA/mbb
Attachment

c: T. D. Gatlin
T. G. Eppink (w/o Attachment)
R. J. White
W. D. Travers
K. R. Cotton
G. A. Lippard
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-04-0166)

ATTACHMENT I
 AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE October 4, 2004
 COMPLETED BY T. V. Dao
 TELEPHONE (803) 345-4812

September 2004

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	975	17	979
2	976	18	979
3	976	19	980
4	975	20	980
5	976	21	982
6	976	22	982
7	977	23	983
8	977	24	983
9	977	25	983
10	977	26	983
11	976	27	982
12	977	28	983
13	978	29	983
14	978	30	983
15	979		
16	977		

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	October 4, 2004
COMPLETED BY	T. V. Dao
TELEPHONE	(803) 345-4812

OPERATING
 STATUS

1	Reporting Period:	September 2004
	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	6297.2	153101.7
6	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7	Hours Generator On Line	720.0	6282.3	151117.7
8	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9	Gross Thermal Energy Generated (MWH)	2085544	18169716	410785771
10	Gross Electrical Energy (MWH)	733220	6401860	139278719
11	Net Electrical Energy Generated (MWH)	704945	6176273	133179066
12	Reactor Service Factor	100.0	95.8	84.2
13	Reactor Availability Factor	100.0	95.8	84.2
14	Unit Service Factor	100.0	95.5	83.1
15	Unit Availability Factor	100.0	95.5	83.1
16	Unit Capacity Factor (Using MDC)	101.4	97.2	80.2
17	Unit Capacity Factor (Using Design)	100.7	96.6	79.2
18	Unit Forced Outage Rate	0.0	4.2	3.1
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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September 2004

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
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None

- 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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COMPLETED BY	T. V. Dao
TELEPHONE	(803) 345-4812

September 2004

V. C. Summer Station operated at full power for the entire month of September.