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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
JUNE MONTHLY OPERATING REPORT

Enclosed is the June 2002 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 for SAB

SAB/mbb
Attachment

c: G. H. Halnon
T. G. Eppink (w/o Attachment)
R. J. White
L. A. Reyes
K. R. Cotton
T. D. Gatlin
NRC Resident Inspector
K. M. Sutton
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INPO Records Center
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Pat Haught (Westinghouse)
RTS (0-L-99-0350-1)
File (818.03-1, RR 4100)
DMS (RC-02-0120)

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ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	July 2,2002
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

Jun-02

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	0	17	765
2	0	18	0
3	41	19	183
4	287	20	905
5	418	21	980
6	790	22	981
7	919	23	980
8	378	24	975
9	938	25	974
10	974	26	977
11	968	27	937
12	958	28	867
13	961	29	942
14	960	30	974
15	971		
16	973		

ATTACHMENT II
OPERATING DATA REPORT

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	July 2,2002
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

OPERATING
STATUS

1	Reporting Period:	Jun-02
	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	664.4	3283.0	134732.3
6	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7	Hours Generator On Line	612.8	3229.0	132853.4
8	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9	Gross Thermal Energy Generated (MWH)	1596210	9149242	358035650
10	Gross Electrical Energy (MWH)	552490	3203380	120752129
11	Net Electrical Energy Generated (MWH)	527357	3079970	115351151
12	Reactor Service Factor	92.3	75.6	83.1
13	Reactor Availability Factor	92.3	75.6	83.1
14	Unit Service Factor	85.1	74.3	81.9
15	Unit Availability Factor	85.1	74.3	81.9
16	Unit Capacity Factor (Using MDC)	75.8	73.4	78.5
17	Unit Capacity Factor (Using Design)	75.3	72.9	77.4
18	Unit Forced Outage Rate	6.2	1.2	3.2

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
UNIT	V. C. SUMMER I
DATE	July 2,2002
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

Jun-02

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
1	04/20/2002	S	61.2	C	1	Complete Refueling
2	06/08/2002	S	5.8	B	1	Conduct Main Turbine Overspeed Test
3	06/17/2002	F	40.2	A	3	Repair C Main Feedwater Pump and Reprogram Control System Logic

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

Jun-02

At the beginning of the month V. C. Summer Station was in Mode 2 while beginning the initial startup after the 13th refueling outage. The reactor became critical at 02:46 on 06/01/2002. The reactor automatically tripped due to a spike in intermediate range nuclear instrumentation channel NI 36. After replacing a circuit card in NI 36 the reactor was restarted and became critical at 18:57 on 06/02/2002. The main generator breaker was closed at 13:11 on 06/03/2002.

At 03:39 on 06/08/2002 the main generator breaker was opened to permit the performance of a main turbine overspeed test. The test was successfully completed and the breaker was closed at 09:24 on 06/08/2002. The reactor remained critical throughout this test evolution.

At 19:02 on 06/17/2002 the reactor tripped on lo lo level in the A steam generator. The low level was caused by the trip of the C main feedwater pump in conjunction with a feedwater digital control system logic error that inadvertently caused the feed pump recirculation valves to go full open. After the feed pump was repaired and the control logic corrected the reactor was restarted and became critical at 23:38 on 06/18/2002. The main generator breaker was closed at 11:16 on 06/19/2002. The plant remained on line for the remainder of the month.