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May 16, 1997
RC-97-0123

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

Attention: Director, Office of Resource Management

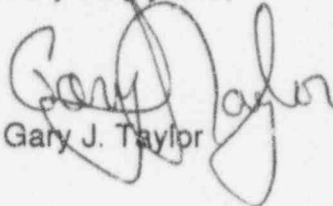
Gentlemen:

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

Enclosed is the May 1997 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,



Gary J. Taylor

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Attachment

c: W. F. Conway
R. R. Mahan (w/o attachment)
R. J. White
L. A. Reyes
A. R. Johnson
S. A. Eyrne
R. M. Fowlkes
NRC Resident Inspector
J. B. Knotts Jr.
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B. Lewis
INPO Records Center
Marsh & McLennan
William G. Wendland (ANI)
Pat Haught (Westinghouse)
RTS (MON 2000)
File (818.03-1)
DMS



NUCLEAR EXCELLENCE - A SUMMER TRADITION!

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PDR ADOCK 05000395
R PDR

ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 6/ 3/97
COMPLETED BY W. H . BELL
TELEPHONE (803) 345-4389

MAY 1997

DAY AVERAGE DAILY POWER LEVEL

DAY AVERAGE DAILY POWER LEVEL

	(MWe-Net)
1.	939
2.	953
3.	953
4.	954
5.	952
6.	953
7.	955
8.	953
9.	954
10.	953
11.	954
12.	954
13.	953
14.	954
15.	954
16.	954

	(MWe-Net)
17.	955
18.	953
19.	954
20.	952
21.	954
22.	952
23.	953
24.	954
25.	953
26.	952
27.	953
28.	952
29.	953
30.	942
31.	814

ATTACHMENT II
OPERATING DATA REPORT

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 6/ 3/97
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

OPERATING STATUS

1. Reporting Period: May 1997
- Gross Hours in Reporting Period: 744
2. Currently Authorized Power Level (MWt): 2900
- Max. Depend. Capacity (MWe-Net): 945
- Design Electrical Rating (MWe-Net): 954
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	3519.4	96591.0
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	744.0	3491.6	95103.7
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2144058	10000878	250704397
10. Gross Electrical Energy (MWH)	733110	3420470	83576119
11. Net Electrical Energy Generated (MWH)	705270	3287954	79609666
12. Reactor Service Factor	100.0	97.1	82.1
13. Reactor Availability Factor	100.0	97.1	82.1
14. Unit Service Factor	100.0	96.4	80.9
15. Unit Availability Factor	100.0	96.4	80.9
16. Unit Capacity Factor (Using MDC)	100.3	28.5	76.1
17. Unit Capacity Factor (Design MWe)	99.4	28.2	74.9
18. Unit Forced Outage Rate	0.0	3.6	4.2
19. Shutdowns Scheduled Over Next 6 Months (Type, Date & Duration of Each): REFUELING, OCTOBER 4, 1997, 35 DAYS			
20. If Shut Down 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 REDUCTIONS

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

MAY 1997

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

1.0 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)

2.0 METHOD

- 1: Manual
- 2: Manual Scram
- 3: Automatic Scram
- 4: Continuation (Use initial Date)
- 5: Power Reduction (Duration 0.0)
- 9: Other (Explain)

ATTACHMENT IV
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

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TELEPHONE (803) 345-4389

MAY 1997

THE MONTH OF MAY BEGAN WHILE IN THE PROCESS OF RECOVERY FROM A SHUTDOWN IN APRIL. AT 00:00 ON MAY 1, 1997, THE REACTOR WAS AT APPROXIMATELY 85 % POWER WHILE IN THE PROCESS OF POWER ESCALATION. POWER WAS RESTORED TO 100 % AT APPROXIMATELY 11:00 A.M..

POWER REMAINED AT 100 % UNTIL 23:00 ON MAY 30, 1997 AT WHICH TIME A POWER REDUCTION TO 85 % POWER WAS BEGUN TO SUPPORT SCHEDULED MAINTENANCE ON THE "C" MAIN FEEDWATER PUMP SEALS AND THE MAIN VOLTAGE REGULATOR. POWER REMAINED AT 85 % POWER THROUGH THE END OF THE DAY ON MAY 31, 1997.