

Stephen A. Byrne
Senior Vice President, Nuclear Operations
803.345.4622



June 9, 2003

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
MAY MONTHLY OPERATING REPORT

Enclosed is the May 2003 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: 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
Paulette Ledbetter

INPO Records Center
J&H Marsh & McLennan
William G. Wendland (ANI)
Pat Haught (Westinghouse)
C. W. Adams
NSRC
RTS (O-L-99-0350-1)
File (818.03-1, RR 4100)
DMS (RC-03-0119)

IE24

ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE June 6, 2003
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

May 2003

| DAY | AVERAGE DAILY POWER LEVEL (Mwe-Net) | DAY | AVERAGE DAILY POWER LEVEL (Mwe-Net) |
|-----|--|-----|---|
| 1 | 983 | 17 | 980 |
| 2 | 983 | 18 | 980 |
| 3 | 981 | 19 | 979 |
| 4 | 982 | 20 | 980 |
| 5 | 979 | 21 | 981 |
| 6 | 979 | 22 | 980 |
| 7 | 979 | 23 | 980 |
| 8 | 979 | 24 | 980 |
| 9 | 979 | 25 | 980 |
| 10 | 979 | 26 | 980 |
| 11 | 978 | 27 | 980 |
| 12 | 9 | 28 | 979 |
| 13 | 0 | 29 | 980 |
| 14 | 0 | 30 | 980 |
| 15 | 475 | 31 | 980 |
| 16 | 970 | | |

ATTACHMENT II
 OPERATING DATA REPORT

| | |
|--------------|----------------|
| DOCKET NO. | 50/395 |
| UNIT | V. C. SUMMER I |
| DATE | June 6, 2003 |
| COMPLETED BY | W. H. BELL |
| TELEPHONE | (803) 345-4389 |

OPERATING
 STATUS

| | | |
|---|---|----------|
| 1 | Reporting Period: | May 2003 |
| | 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 | 675.7 | 3554.7 | 142704.0 |
| 6 | Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 7 | Hours Generator On Line | 669.5 | 3548.5 | 140818.9 |
| 8 | Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 9 | Gross Thermal Energy Generated (MWH) | 1915719 | 10255333 | 381085114 |
| 10 | Gross Electrical Energy (MWH) | 673340 | 3613810 | 128839699 |
| 11 | Net Electrical Energy Generated (MWH) | 646361 | 3473321 | 123124020 |
| 12 | Reactor Service Factor | 90.8 | 98.1 | 83.9 |
| 13 | Reactor Availability Factor | 90.8 | 98.1 | 83.9 |
| 14 | Unit Service Factor | 90.0 | 97.9 | 82.7 |
| 15 | Unit Availability Factor | 90.0 | 97.9 | 82.7 |
| 16 | Unit Capacity Factor (Using MDC) | 89.9 | 99.2 | 79.6 |
| 17 | Unit Capacity Factor (Using Design) | 89.3 | 98.6 | 78.5 |
| 18 | Unit Forced Outage Rate | 10.0 | 2.1 | 3.1 |
| 19 | Shutdowns Scheduled Over Next 6 Months (Type, Date, & Duration of Each): Refueling Outage, October 18, 2003, 36 Days | | | |
| 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 | June 6, 2003 |
| COMPLETED BY | W. H. BELL |
| TELEPHONE | (803) 345-4389 |

May 2003

| NO. | DATE | TYPE | DURATION | REASON | METHOD | CORRECTIVE ACTION/COMMENTS |
|-----|-----------|------|----------|--------|--------|---|
| 1 | 5/12/2003 | F | 74.5 Hr. | A | 3 | Replaced faulty contacts in the generator field breaker. Also modified circuitry by installing backup contacts. |

- 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

| | |
|--------------|----------------|
| DOCKET NO. | 50/395 |
| UNIT | V. C. SUMMER I |
| DATE | June 6, 2003 |
| COMPLETED BY | W. H. BELL |
| TELEPHONE | (803) 345-4389 |

May 2003

At 01:02 on 05/12/03 the reactor tripped. The reactor trip was caused by the opening of the main generator breaker which caused a turbine trip which then caused the reactor to trip. The main generator breaker opened due to the failure of contacts in the generator field breaker. This circuitry was repaired and modified by adding a set of backup contacts. Repairs were completed and the reactor became critical at 21:20 on 05/14/03. The main generator breaker was closed at 03:32 on 05/15/03. 100% power was achieved at 12:00 on 05/16/03. V. C. Summer Station operated at 100% power at all other times during the month of May, 2003.