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10CFR50.36
John L. Skolds
Vice President
Nuclear Operations

January 13, 1992

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
DECEMBER MONTHLY OPERATING REPORT

Enclosed is the December 1991 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,

John L. Skolds

JWH:RJB:JLS:lcd
Attachments

c: O. W. Dixon Jr.
R. R. Mahan
R. J. White
S. D. Ebner
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G. G. Soult
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NUCLEAR EXCELLENCE - A SUMMER TRADITION!

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ATTACHMENT 1
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/396
UNIT V. C. SUMMER 1
DATE 1/ 3/92
COMPLETED BY J. W. HALTIWANGER
TELEPHONE (803) 345-4297

DECEMBER 1991

DAY AVERAGE DAILY POWER LEVEL

DAY AVERAGE DAILY POWER LEVEL

	(MWe-Net)
1.	894
2.	894
3.	893
4.	893
5.	893
6.	893
7.	895
8.	894
9.	894
10.	893
11.	892
12.	894
13.	893
14.	894
15.	895
16.	894

	(MWe-Net)
17.	893
18.	894
19.	895
20.	893
21.	895
22.	895
23.	895
24.	896
25.	896
26.	895
27.	509
28.	-36
29.	148
30.	767
31.	888

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 01/03/92
 COMPLETED BY J. W. HALTIWANGER
 TELEPHONE (803) 345-4297

OPERATING STATUS

1. Reporting Period: December 1991
 Gross Hours in Reporting Period: 744
2. Currently Authorized Power Level (Mwt): 2775
 Max. Depend. Capacity (MWe-Net): 885
 Design Electrical Rating (MWe-Net): 900
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	7265.5	54624.6
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	701.2	7065.7	53487.7
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	106910	16897287	138568767
10. Gross Electrical Energy(MWH)	640480	5628540	45885399
11. Net Electrical Energy Generated (MWH)	612549	5340451	43547282
12. Reactor Service Factor	100.0	82.9	77.9
13. Reactor Availability Factor	100.0	82.9	77.9
14. Unit Service Factor	94.2	80.7	76.3
15. Unit Availability Factor	94.2	80.7	76.3
16. Unit Capacity Factor (Using MDC)	93.0	68.9	70.2
17. Unit Capacity Factor (Design MWe)	91.5	67.7	69.0
18. Unit Forced Outage Rate	0.0	0.7	6.8

19. Shutdowns Scheduled Over Next 6 Months(Type, Date & Duration of Each):
 NONE

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
UNIT V. C. SUMMIT I
DATE 01/03/92
COMPLETED BY J. W. HALTIWANGER
TELEPHONE (803) 345-4297

DECEMBER 1991

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
7	911227	5	42.8		1	REPAIRED GENERATOR HYDROGEN COOLER

1. REASON

- A. Equipment Failure
- B. Maintenance or Test
- C. Refueling
- D. Regulatory Restriction
- E. Operator Training and License Examination
- F. Administrative
- G. Operator Error
- H. Other

2. METHOD

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

ATTACHMENT IV
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	50/395
UNIT	V. C. SUMMER 1
DATE	01/03/92
COMPLETED BY	J. W. HALTIWANGER
TELEPHONE	(803) 345-4297

DECEMBER 1991

Virgil C. Summer Nuclear Station operated at approximately 100% power for the first 26 days of December.

On December 27, 1991, power was reduced and the generator was taken off-line at 1634 hours to repair leaks in the main generator hydrogen coolers. The reactor remained critical at low power.

On December 29, 1991, at 1124 hours, the generator breaker was closed. Power was held at approximately 30 percent for five hours to allow for chemistry cleanup; power was then increased at three percent per hour.

The plant was operating at 100 percent power at the end of December.