



South Carolina Electric & Gas Company  
Virgil C. Summer Nuclear Station  
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10CFR100 APP. A  
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General Manager  
Engineering Services

May 11, 1995  
Refer to: RC-95-0134

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

Gentlemen:

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

South Carolina Electric & Gas Company, acting for itself and as agent for South Carolina Public Service Authority, herewith forwards five (5) copies of Technical Report 94-4, "Seismic Activity Near the Virgil C. Summer Nuclear Station," for the period October - December 1994.

Should you have any questions, please contact this office.

Very truly yours,

M. D. Quinton

JLB:jlb  
Attachment

c: O. W. Dixon  
R. R. Mahan (w/o attachment)  
R. J. White  
S. D. Ebnetter  
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R. B. Whorton  
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J. B. Knotts Jr.  
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RTS (QTR 600) (w/o attachment)  
File (818.06-3)

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NUCLEAR EXCELLENCE - A SUMMER TRADITION!

ENGINEERS

SERIAL: 4586

TECHNICAL WORK RECORD

ENGINEER: WHORTON

DATE: May 1, 1995

PROJECT TITLE: \_\_\_Seismic Quarterly Report\_\_\_ TAB \_14\_ PAGE \_1\_ OF \_1\_

**Seismic Quarterly Report - 4th Quarter 1994**

Seismic Activity during the 4th Quarter of 1994 continued at a very low level. A total of three (3) events were recorded and located during the 4th Quarter. All of the events were of very low magnitude ( $< 0.6$ ).

There were a total of 24 events during 1994, with the largest event of Magnitude 2.2 occurring on July 23. The activity was generally scattered around Monticello Reservoir, occurring predominantly in the northern 2/3 of the reservoir.

There was no correlation with fluctuations in reservoir level.