

SOUTH CAROLINA ELECTRIC & GAS COMPANY

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T. C. NICHOLS, JR.  
VICE PRESIDENT AND GROUP EXECUTIVE  
NUCLEAR OPERATIONS

May 3, 1982



Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

Subject: Virgil C. Summer Nuclear Station  
Docket No. 50/395  
Earthquake Instrumentation

Dear Mr. Denton:

South Carolina Electric and Gas Company (SCE&G) has determined that one of the earthquake monitoring instruments within the Virgil C. Summer Nuclear Station should be relocated to a more appropriate point for data analysis. A detailed description of the proposed change is given in the discussion that follows.

The particular instrument involved is one of the triaxial peak accelerographs. The instrument is presently mounted on instrumentation tubing beneath the reactor vessel. The location found to be more suitable for this instrument is the pressurizer surge line near its intersection with reactor coolant piping. The instrument will be rigidly attached to a strap mounted on the surge line at this location. One reason for this change is due to the accessibility requirements of these instruments in the event of an earthquake. The other is that it has been determined that readings obtained from the instrument on the surge line would be more useful in evaluating the plant's response to an earthquake.

The specific FSAR changes will be forwarded as soon as they are finalized. We expect this change to be completed by June 30, 1982.

If there are any questions, please advise.

Very truly yours,

T. C. Nichols, Jr.

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Mr. Harold R. Denton  
May 3, 1982  
Page 2

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