

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE BOX 764

COLUMBIA, SOUTH CAROLINA 29218

November 16, 1981

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



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

Subject: Virgil C. Summer Nuclear Station
Docket No. 50/395
Seismic Qualification Review Team
SER Confirmatory Issue 1.7.21

Dear Mr. Denton:

In Item 1 of our letter to you, dated October 28, 1981, South Carolina Electric and Gas Company committed to provide interim justification for the seismic qualification of the acoustic leak detection equipment prior to completion of final seismic testing. The specific components involved are the transducers (pickups) and the preamplifiers.

Seismic testing on the transducer has been conducted in which the field cable separated from the connector due to excessive flexing at the cable/connector interface. A special clamp has been designed to eliminate this flexing at the connector and will be utilized at Virgil C. Summer Nuclear Station on the pressurizer code safety valve applications. Based on this modification and the fact that no other problems were identified during this testing, SCE&G and Westinghouse are confident that future seismic testing will be successful.

Although the preamplifier model used in the acoustic leak detection system has not been seismically tested, units of similar design have been successfully tested for other applications. These small, lightweight units are located outside containment in wall mounted boxes providing rigid mounting thus minimizing the seismic input. Based on the qualification of similar units and the nature and mounting of the units, SCE&G and Westinghouse are confident that these too will pass future seismic testing.

SQRT sheets on these two items will be forwarded to the NRC when his testing is completed.

If you have any further questions, please let us know.

Very truly yours,

T. C. Nichols, Jr.

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cc: See Page 2

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