

SOUTH CAROLINA ELECTRIC & GAS COMPANY  
POST OFFICE BOX 764  
COLUMBIA, SOUTH CAROLINA 29218

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

October 28, 1980

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  
NRC Open Items on Diesel Generator  
Qualification

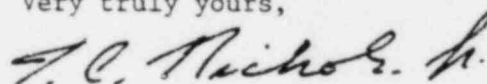
Dear Mr. Denton:

South Carolina Electric and Gas Company, acting for itself and as agent for South Carolina Public Service Authority, herewith provides one (1) copy of the Colt Industries test report of 100 starts performed in August of 1971 on a prototype 12 cylinder PC-2 engine. Also attached is a copy of the Colt Industries test report of 230 starts performed in April of 1975 on a 12 cylinder PC-2 engine for Farley Nuclear Plant Unit #2 for Alabama Power Company. The results of the tests documented in these reports is provided as qualification of 12 cylinder PC-2 engines installed at V. C. Summer Station.

In addition to these tests, Colt Industries has performed 300 start tests on a 14 cylinder PC-2 engine for Millstone Unit 3 and 300 start tests on a 14 cylinder PC-2 engine for Beaver Valley Unit 2. Colt Industries has also performed 300 start tests on a PC-2.5 engine, which is a modified design of the PC-2 engine, for SNUPPS.

This information was requested by Mr. Om Chopra and should be sufficient to close the open item on this subject. If you have any questions, please let us know.

Very truly yours,



T. C. Nichols, Jr.

RBC:TCN:rh

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Mr. Harold R. Denton  
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cc: V. C. Summer  
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