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

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

May 13, 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
Accumulator Discharge Valves
SER Item 1.8.2

Dear Mr. Denton:

In our March 15, 1982, letter to the Nuclear Regulatory Commission, South Carolina Electric and Gas Company stated its position concerning the Nuclear Regulatory Commission staff requirement to install power lockouts on the Accumulator Discharge Isolation Valves 8808A, B and C.

As requested by the Nuclear Regulatory Commission staff during subsequent discussions, this letter provides additional information concerning the locations and accessibility of the breakers for these valves relative to the main control room. As is shown on FSAR Figure 1.2-15, the main control room is located on the 463' elevation of the Control Building. The breakers for valves 8808A and C are powered from Motor Control Center XMC 1DA2X. This Motor Control Center is located in the switchgear room on the 463' elevation of the Intermediate Building (see FSAR Figure 1.2-13). Due to this very close proximity to the main control room, an operator could be dispatched from the main control room and perform the necessary actions to unlock these breakers and close the associated valves in a matter of approximately five minutes. The breaker for the remaining valve 8808B is powered from Motor Control Center XMC 1DB2Y, which is located on the 463' elevation of the Auxiliary Building (see FSAR Figure 1.2-6). It is estimated that approximately ten minutes would be required for an operator to proceed from the main control room to this breaker location and perform the necessary actions to unlock the breaker and close the valve.

There are diverse routes that could be used in going from the main control room to the 463' elevation of the Auxiliary Building (i.e. via the 412' elevation of the Control Building; the 412' or 436' elevation of the Intermediate Building; or from the roof of the Control Building to the 485' elevation of the Auxiliary Building).

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It should be noted that during normal plant operations, there are auxiliary operators stationed at various locations throughout the plant including the Auxiliary and the Intermediate Buildings. If these personnel were utilized to perform the above required actions, the estimated times could be reduced somewhat, especially for the breaker located in the Auxiliary Building.

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

Very truly yours,

T. C. Nichols, Jr.

ARK:TCN,jr:dwf

cc: V. C. Summer
G. H. Fischer
H. N. Cyrus
H. T. Babb
D. A. Nauman
M. B. Whitaker, Jr
J. P. O'Reilly
C. L. Ligon (NSRC)
W. A. Williams, Jr.
R. B. Clary
O. S. Bradham
A. R. Koon
M. N. Browne
G. J. Braddick
J. L. Skolds
J. B. Knotts, Jr.
B. A. Bursey
NPCF
File