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SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

O. W. DIXON, JR.
VICE PRESIDENT
NUCLEAR OPERATIONS

August 17, 1982

5-395

Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II, Suite 3100
101 Marietta Street, N. W.
Atlanta, Georgia 30303

Subject: Virgil C. Summer Nuclear Station
Potential Substantial Safety Hazard
NE File 3.1051

Dear Mr. O'Reilly:

On July 13, 1982, Mr. Caudle Julian of your office was informed of a potential substantial safety hazard under the provisions of 10CFR21. Mr. Julian was informed that as a part of our effort to meet the requirements of NUREG 0737 for safety and relief piping, it was determined that the design basis analysis had used an incorrect valve opening characteristic for the power operated relief valves. The valve characteristic that was used was a 2 second opening time and an equal percent stroke. The actual valve information obtained from the manufacturer is 0.5 second and a quick opening characteristic.

We are continuing to perform evaluations in this area in regard to the condition's impact. We expect to be able to write a final report on this item by August 31, 1982. If you require additional information in this area, please advise.

Very truly yours,

H T B
for O. W. Dixon, Jr.

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Mr. James P. O'Reilly
August 17, 1982
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