TIC

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA ST., N.W., SUITE 3100
ATLANTA, GEORGIA 30303

AUG 15 1979

In Reply Refer To:
RII:JPO
50-395

South Carolina Electric and Gas Company
Attn: T. C. Nichols, Jr., Vice President
Power Production and System Operations
Post Office Box 764
Columbia, South Carolina 29218

Gentlemen:

The enclosed supplement to Bulletin 79-14 is forwarded to you to provide added guidance on the intent of the Bulletin. If you desire additional information regarding this matter, please contact this office.

Sincerely,

James P. O'Reilly
Director

Enclosures:
1. Supplement IE Bulletin No. 79-14
2. List of IE Bulletins Issued in Last Six Months

926 204

cc w/encl:
T. B. Conners, Jr.
Conners, Moore and Corber
1747 Pennsylvania Avenue, N.W.
Washington, D.C. 20006

A. A. Smith
Quality Assurance
Post Office Box 8
Jenkinsville, South Carolina 29065

O. S. Bradham, Manager
Nuclear Operations
Post Office Box 8
Jenkinsville, South Carolina 29065

SSINS: 6820
Accession No:
7908080360

UNITED STATES
NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT
WASHINGTON, D.C. 20555

August 15, 1979

Supplement IE Bulletin No. 79-14

SEISMIC ANALYSIS FOR AS-BUILT SAFETY-RELATED PIPING SYSTEMS

Description of Circumstances:

IE Bulletin No. 79-14 was issued on July 2, 1979 and revised on July 18, 1979. The bulletin requested licensees to take certain actions to verify that seismic analyses are applicable to as-built plants. This supplement to the bulletin provides additional guidance and definition of Action Items 2, 3, and 4.

To comply with the requests in IE Bulletin 79-14, it will be necessary for licensees to do the following:

2. Inspect Part of the Accessible Piping

For each system selected by the licensee in accordance with Item 2 of the Bulletin, the licensee is expected to verify by physical inspection, to the extent practicable, that the inspection elements meet the acceptance criteria. In performing these inspections, the licensee is expected to use measuring techniques of sufficient accuracy to demonstrate that acceptance criteria are met. Where inspection elements important to the seismic analysis cannot be viewed because of thermal insulation or location of the piping, the licensee is expected to remove thermal insulation or provide access. Where physical inspection is not practicable, e.g., for valve weights and materials of construction, the license is expected to verify conformance by inspection of quality assurance records. If a nonconformance is found, the licensee is expected in accordance with Item 4 of the Bulletin to perform an evaluation of the significance of the nonconformance as rapidly as possible to determine whether or not the operability of the system might be jeopardized during a safe shutdown earthquake as defined in the Regulations. This evaluation is expected to be done in two phases involving an initial engineering judgement (within 2 days), followed by an analytical engineering evaluation (within 30 days). Where either phase of the evaluation shows that system operability is in jeopardy, the licensee is expected to meet the applicable technical specification action statement and complete the inspections required by Item 2 and 3 of the Bulletin as soon as possible. The licensee must report the results of these inspections in accordance with the requirements for content and schedule a

3. Inspect Remaining Piping

The licensee is expected to insp
safety-related piping systems wh
report the results in accordance
schedule as given in Item 3 of t