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

DEC 1 3 1979

In Reply Refer To: RII:JPO 50-395

> South Carolina Electric and Gas Company Attn: M. C. Johnson, Vice President Special Services and Purchasing Post Office Box 764 Columbia, South Carolina 29218

Gentlemen:

This Information Notice is provided as an early notification of a possible significant matter. It is expected that recipients will review the information for possible applicability to their facilities. No specific action or response is requested at this time. If further NRC evaluations so indicate, an IE Circular or Bulletin will be issued to recommend or request specific licensee actions. If you have questions regarding this matter, please contact the Director of the appropriate NRC Regional Office.

Sincerely,

James P. O'Reilly

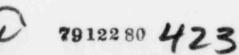
Director

Enclosures:

 IE Information Notice No. 79-31

 List of IE Information Notices Recently Issued

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South Carolina Electric and Gas Company

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

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

December 13, 1979

IE Information Notice No. 79-31

USE OF INCORRECT AMPLIFIED RESPONSE SPECTRA (ARS)

Description of C'cumstances:

Recently, the NRC was informed that, during a review of valve weights in conjunction with the as-built review for IE Bulletin 79-14 at North Anna Unit 1, it was discovered that incorrect amplified response spectra (ARS) had been used as input to the analyses of some piping on both units 1 and 2. The reanalyses are being performed by Stone & Webster (S&W), the Architect Engineer for the Virginia Electric & Power Company's facilities. Similarly, Public Service Company of New Hampshire informed the NRC that the wrong ARS were used for the design of some containment supports at their Seabrook units. The Architect Engineer for these plants is United Engineers & Constructors (UE&C).

The NRC is currently pursuing this issue in detail with S&W and UE&C to determine the extent of the problem and the generic implications for other facilities.

This Information Notice is provided as an early notification of a possible significant matter. It is expected that recipients will review the information for possible applicability to their facilities. Specific action has been requested by IE Bulletin 79-14. This bulletin requires that input to seismic analyses of piping, which includes the use of the correct ARS, be verified against the as-built condition of the plant. No specific actions are requested in response to this Information Notice. If NRC evaluations so indicate, further licensee actions may be requested or required. If you have any questions regarding this matter, please contact the Director of the appropriate NRC Regional Office.

No written response to this IE Information Notice is required.

RECENTLY ISSUED IE INFORMATION NOTICES

| Information Notice No. | Subject | Date Issued | Issued To |
|---------------------------|--|----------------|---|
| 79-31 | Use of Incorrect Amplified Response Spectra (ARS) | 12/13/79 | All power reactor facilities holding OLs and CPs |
| 79-30 | Reporting of Defects and Noncompliances, 10 CFR Part 21 | 12/6/79 | All power reactor facilities holding OLs and CPs and vendors inspected by LCVIP |
| 79-29 | Loss of NonSafety-Related Reactor Coolant System Instrumentation During Operation | 11/16/79 | All power reactor facilities holding OLs or CPs |
| 79-28 | Overloading of Structural Elements Due to Pipe Support Loads | 11/16/79 | All power reactor facilities with an OL or CP |
| 79-27 | Steam Generator Tube Ruptures At Two PWR Facilities | 11/16/79 | All poor reactor facilities holding OLs and CPs |
| 79-12A | Attempted Damage To New Fuel Assemblies | 11/9/79 | All Fuel Facilities, research reactors, and power reactors with an OL or CP |
| 79-26 | Breach of Containment Integrity | 11/5/79 | All power reactor facilities holding OLs and CPs |
| 79-25 | Reactor Trips At Turkey Point Units 3 And 4 | 10/1/79 | All power facilities with an OL or a CP |
| 79-24 | Overpressurization Of Containment Of A PWR Plant After A Main Steam Line Break | 10/1/79 | All power reactor facilities with a CP |
| 79-23 | Emergency Diesel Generator Lube Oil Coolers | 9/26/79 | All power reactor facilities holding OLs and CPs |
| 79-22 | Qualification of Control Systems | 9/14/79 | All power reactor facilities with operating licenses and construction permits. |
| 79-21 | Transportation and Commercial 9/7/79 Burial of Radioactive Material | | All power and research reactors with OLs 013 |