ROCHESTER GAS AND ELECTRIC CORPORATION • 89 EAST AVENUE, ROCHESTER, N.Y. 14649

TELEPHONE
AREA CODE 716 546-2700

May 29, 1979

Mr. Boyce H. Grier, Director
Office of Inspection and Enforcement,
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

SUBJECT: IE Bulletin 79-07 RLNRC-0029
Docket No. 50-485

Dear Mr. Grier:

Your letter dated April 14, 1979 forwarded IE Bulletin 79-07 concerning seismic stress analysis of safety related piping. The following information is provided in response to your letter. The items below are numbered to correspond to the Bulletin action items.

1. All of the seismic analyses for safety related piping were performed properly. None of the methods specified in the bulletin were used in the analyses.

2. This item is not applicable because proper analysis techniques were used. Computer program listings need not be provided.

3. All computer codes used in the seismic analysis of safety-related piping have verified as shown below:

   (a) ME 632: Verified using PISOL (EDS Nuclear Inc.), PIPESD (URS/John A. Blum and Associates, Engineers), and TPIPE (PMB Systems Engineering Inc.).

   (b) ME 101: Verified using ME 632, TPIPE and SUPERPIPE (EDS Nuclear Inc.).

   (c) TPIPE: Verified using PISOL (EDS Nuclear Inc.) and ME 632.

   (d) BSAP: Verified using ME 101.

   (e) WESTDYN: Refer to WCAP 8252, Rev. 1, "Documentation of Selected Westinghouse Structural Analysis

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Computer Codes", May 1977, which is currently under NRC review.

4. Because all seismic stress analyses for safety related piping were performed using proper techniques no corrective action plan is necessary.

Sincerely yours,

John E. Arthur
Chief Engineer

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