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 FACIL: 50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester GI
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 RECIP. NAME: RECIPIENT: AFFILIATION
 CRUTCHFIELD, D. Operating Reactors Branch 5

SUBJECT: Responds to 810107 request for evaluation of refueling water storage tank per SEP Topics III-6 & III-11, "Seismic Design Considerations." Review of other SEP topics could influence final mod. Implementation schedule will follow.

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 TITLE: Seismic Review for SEP Plants.

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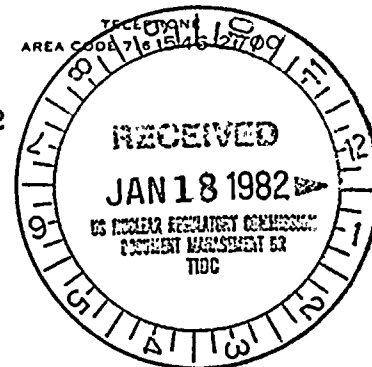


ROCHESTER GAS AND ELECTRIC CORPORATION • 89 EAST AVENUE, ROCHESTER, N.Y. 14649

JOHN E. MAIER
Vice President

January 14, 1982

Director of Nuclear Reactor Regulation
Attention: Mr. Dennis M. Crutchfield, Chief
Operating Reactors Branch No. 5
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555



Subject: SEP Topics III-6 and III-11, "Seismic Design Considerations"
R. E. Ginna Nuclear Power Plant
Docket No. 50-244

Dear Mr. Crutchfield:

We have evaluated the Refueling Water Storage Tank as required by your letter dated January 7, 1981 (open issue #5) and as addressed in our response dated March 23, 1981. Our structural analysis, utilizing the very conservative assumptions of Regulatory Guide 1.60 for response spectrum and Regulatory Guide 1.61 for damping values, indicates overstresses in the tank wall, attachment bracket, and anchor bolts. An earlier analysis of the RWST, transmitted via a letter from Leon D. White, Jr. to Dennis L. Ziemann dated February 12, 1980, noted that the RWST design meets the intent of the original FSAR. Nevertheless, modifications will be made to the RWST design to upgrade into more current criteria.

Rochester Gas and Electric is not at this time able to make a commitment regarding the exact nature of the modification, nor the time schedule. As part of the SEP, the review of certain other topics could influence the final modification. These topics include III-4.A, "Tornado Missiles" and III-2, "Wind and Tornado Loadings."

In keeping with the philosophy of the Systematic Evaluation Program, RG&E will define modifications to the RWST, addressing seismic as well as other considerations of differences from current criteria, during the course of the Ginna Integrated Assessment. Following the definition of the integrated modifications, a schedule for implementation will be proposed.

Very truly yours,

John E. Maier
John E. Maier

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