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 FACIL: 50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester G 05000244
 AUTH. NAME: MAIER, J.E. AUTHOR AFFILIATION: Rochester Gas & Electric Corp.
 RECIP. NAME: CRUTCHFIELD, D. RECIPIENT AFFILIATION: Operating Reactors Branch 5

SUBJECT: Responds to NRC 820111 request for addl info re environ
 qualification of electrical equipment. Listed info is being
 forwarded to Franklin Research Ctr.

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 TITLE: Equipment Qualification (OR & PRE-OL)

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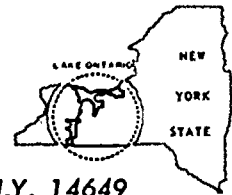
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February 18, 1982

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: Environmental Qualification of Electrical Equipment
R. E. Ginna Nuclear Power Plant
Docket No. 50-244

Dear Mr. Crutchfield:

This letter is in response to your letter of January 11, 1982 regarding a request for additional information relative to the environmental qualification of the Ginna electrical equipment. As requested in Enclosure 1 to that letter, the following information is being sent to Mr. Cyril Crane of Franklin Research Center:

- A. Reference 44, "Limit Switches," including the 1/16/79 letter from L. D. White, Jr. to B. H. Grier.
- B. SEP Review of Safe Shutdown Systems (latest revision is #3, transmitted by 9/29/81 letter from Dennis M. Crutchfield to John E. Maier).
- C. SEP Topic XV-6 (NRC safety evaluation transmitted by 9/4/81 letter from Dennis M. Crutchfield to John E. Maier).
- D. SEP Topic VIII-4, evaluation of containment penetrations, dated March 30, 1981.
- E. Results of steam line break (and LOCA) analysis, transmitted by letter of February 1, 1982 from John E. Maier to Dennis M. Crutchfield.

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ROCHESTER GAS AND ELECTRIC CORP.

SHEET NO.

DATE February 18, 1982
TO Mr. Dennis M. Crutchfield

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It was also requested in Enclosure 1 that the equipment to be replaced by June 30, 1982 be identified, and supporting documentation presented if presently available. The transmitters being replaced (items 11a, 11c, 18, 32, 35, and 37) are the Foxboro NE-10 series transmitters, being qualified at Wyle Laboratories via the Utility Transmitter Qualification Group. The NRC is closely following the progress of this testing through its Vendor Testing Verification Program (see letter from G. W. Reinmuth, NRC IE, to C. W. Fay, WEPCO, dated 12/18/81). The design criteria and safety analysis for the solenoid valves to be replaced are still under development. No information is yet available for release. The RTD's (item 36) may not be replaced by June 30, 1982. As noted in our October 30, 1980 letter, the replacement of the RTD's by June 30, 1982 was contingent upon equipment availability, purchase lead times, and refueling outage schedules. Based on presently projected equipment delivery and installation times, it appears that the RTD's may not be able to be replaced until the spring 1983 refueling outage. No information relative to equipment specifications and qualification data is available at this time for the RTD's.

We trust the enclosed information is receptive to your needs.

Very truly yours,


John E. Maier

Enclosure

