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ACCESSION NBR:8806090280 DOC.DATE: 88/05/31 NOTARIZED: NO DOCKET #
 FACIL:50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester G 05000244
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 SNOW,B.A. Rochester Gas & Electric Corp.
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SUBJECT: Submits addl info to support response to Generic Ltr 88-05
 re boric acid corrosion of carbon steel in PWR plants.

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May 31, 1988

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U.S. Nuclear Regulatory Commission
Document Control Desk
Attn: Mr. Carl Stahle
PWR Project Directorate No. 1
Washington, D.C. 20555

Subject: Boric Acid Corrosion of Carbon Steel Reactor
Pressure Boundary Components in PWR Plants
R.E. Ginna Nuclear Power Plant
Docket No. 50-244

Reference: Generic Letter 88-05 from Frank Miraglia to All
PWR Licensees Dated March 17, 1988

Dear Mr. Stahle:

Rochester Gas and Electric presently has procedures in place to detect and find leaks in the main coolant system which have the potential to corrode carbon steel components. For example, Procedure S-12.2 (Operator Action in the Event of Indication of Significant Increase in Leakage) requires the investigation of very small increases in leak rates. This procedure has been in effect for more than 10 years, and, in conjunction with standard Ginna Station practices, has served as an acceptable basis for addressing the issue of boric acid corrosion of the primary system, as demonstrated by the fact that such incidents have not been a concern at Ginna Station. To further enhance this program, RG&E will increase our efforts in this area, primarily by increasing the formality of the program, as well as its documentation, in accordance with Generic Letter 88-05.

Following receipt of Generic Letter 88-05, the data (including a listing of potential locations of small but significant leaks) required by this letter has been collected and procedures have been drafted. The procedures document a program that includes the four components listed in the Generic Letter. These procedures will be finalized and approved by June 10, 1988 and will become effective by the end of June 1988. The period of time between approval and implementation will be used to familiarize all operating shifts with the new procedures and the leak detection program.

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The program to be implemented will include the necessary systematic measures to ensure that boric acid corrosion does not lead to degradation of the assurance that the reactor coolant pressure boundary will have an extremely low probability of abnormal leakage, rapidly propagating failure or gross rupture.

RG&E has also recently received an EPRI Report, RP 2006-18, "A Survey of Boric Acid Corrosion of Carbon and Low-Alloy Steel Pressure Boundary Components in PWR Power Plants", April 1988, which is germane to this subject. We are still in the process of reviewing that report, and plan to integrate additional recommendations as necessary into our program in a timely and controlled manner.

Very truly yours,

Bruce A. Snow

Bruce A. Snow
Superintendent
Nuclear Production

Subscribed and sworn to before me
this 31st day of May, 1988.

Lynn I. Hauck

Notary Public

LYNN I. HAUCK

Notary Public in the State of New York

MONROE COUNTY

Commission Expires Nov. 30, 1988

