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

SUBJECT: Submits proposal to modify 830801 request for mod to Tech Spec 4.6.2.e re SEP Topic VIII-3.A, "Battery Testing." Each battery will be subj to discharge test at least once per 60 months to show battery capacity at least 80%.

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October 26, 1983

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 Topic VIII-3.A, Battery Testing  
R. E. Ginna Nuclear Power Plant  
Docket 50-244

Dear Mr. Crutchfield:

In our letter dated August 1, 1983, RG&E proposed that the Ginna Technical Specification 4.6.2.e be added, requiring the performance of a battery discharge test at least once each 60 months. This discharge test is suggested by IEEE-450, which was the review basis document for SEP Topic VIII-3.A.

An additional testing requirement of IEEE-450, not specifically committed to by RG&E during the topic assessment, (see letter from Maier to Crutchfield, January 15, 1982) concerns the frequency of the discharge test. It is stated that the test should be performed annually whenever the battery shows signs of degradation or when 85% of the expected service life has been reached. "Degradation" is indicated when the battery capacity drops more than 10% of rated capacity from its average or previous performance tests, or is below 90% of the manufacturer's rating.

RG&E agrees that the more frequent testing when battery capacity is below 90% of the manufacturer's rating is useful, and will incorporate such a provision into our proposed Technical Specifications. However, RG&E does not believe that, in addition, the annual testing when 85% of expected service life is reached, is warranted. RG&E considers that if the battery capacity is shown to be adequate (>90%), sufficient margin above the minimum requirement of 80% is demonstrated.

RG&E thus proposes to modify our Technical Specification modification request of August 1, 1983, as follows:

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PDR ADDCK 05000244  
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DATE October 26, 1983

TO Mr. Dennis M. Crutchfield

- "4.6.2.e Each battery shall be subject to a discharge test at least once per 60 months. The purpose of this test is to show that the battery capacity is at least 80% of the manufacturer's recommendations. When performed, this discharge test may substitute for the load test.
- 4.6.2.f The discharge test shall be performed annually for any battery that shows signs of degradation. Degradation is indicated when the battery capacity drops more than 10% of rated capacity from its average on previous discharge tests, or is below 90% of the manufacturer's rating."

Very truly yours,

  
John E. Maier

