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 RECIP. NAME: RECIPIENT AFFILIATION  
 CRUTCHFIELD, D. Operating Reactors Branch 5:

SUBJECT: Responds to 810324 evaluation of SEP Topic IV-2, "Reactivity Control Sys." Agrees w/conclusion that fuel design limits would not be exceeded for simultaneous withdrawal or overlap of two control rod banks. Supplies addl refs for bases.

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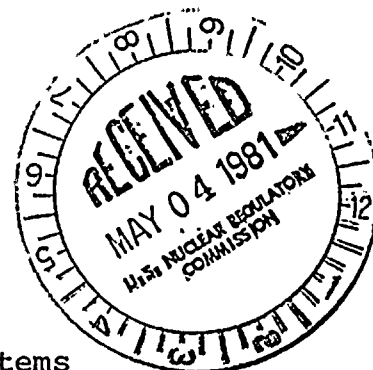
JOHN E. MAIER  
VICE PRESIDENT

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April 29, 1981

Director of Nuclear Reactor Regulation  
Attention: Mr. Dennis M. Crutchfield, Chief  
Operating Reactors Branch #5  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555



Subject: SEP Topic IV-2, Reactivity Control Systems  
R. E. Ginna Nuclear Power Plant  
Docket No. 50-244

Dear Mr. Crutchfield:

This letter is in response to your evaluation of Ginna SEP Topic IV-2, Reactivity Control Systems, dated March 24, 1981 (received March 30, 1981). We agree with the conclusion of the assessment, that fuel design limits would not be exceeded for the 1) simultaneous withdrawal of two control rod banks and 2) overlap of two banks at other than the design value. Thus, General Design Criterion 25 is met insofar as electrical failures within reactivity control systems are concerned.

We do feel that, in order to more specifically define the bases for these conclusions, additional references not provided in our January 19, 1981 letter, but subsequently discussed, should be specified in the assessment. These references are:

- 1) Technical Supplement Accompanying Application to Increase Power, Section 14, February, 1971.
- 2) WCAP-7778, Solid State Rod Control System - Full Length, by A. Blanchard and D. N. Katz.
- 3) WCAP-8976, Failure Mode and Effects Analysis (FMEA) of the Solid State Full Length Rod Control Sequence, by W. E. Shopsy.

Based on the conclusions in the NRC assessment, and our editorial comments, this topic can be assumed completed.

Very truly yours,

*John E. Maier*  
John E. Maier

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