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 FACILITY: 50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester G      05000244  
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SUBJECT: Lists proposed course of action to complete required seismic  
 analysis & documentation of reinforced concrete block walls  
 in control bldg as defined in response to IE Bulletin 80-11.

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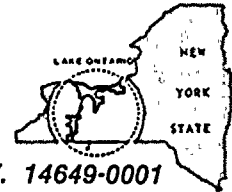
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VICE PRESIDENT  
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November 6, 1985

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

Subject: Safety-Related Masonry Block Walls  
R. E. Ginna Nuclear Power Plant  
Docket No. 50-244

Dear Mr. Zwolinski:

In order to complete the required seismic analysis and documentation of the R. E. Ginna reinforced concrete block walls in the control building, as defined in our responses to IE Bulletin 80-11, RG&E proposes the following course of action:

1. Perform a post-test analysis of San Onofre Nuclear Generation Station (SONGS) Unit I block wall FB5 using actual measured steel strength and actual input test motion. The SONGS 1 analytical model will be modified to include multiple rebar segments. Computed and measured steel and masonry strains and length of yielding rebar will then be compared. This correlation will verify the acceptability of the Computech (CES) inelastic stress analysis methodology.
2. The CES inelastic methodology will be used to analyze one spanning wall and one cantilever wall. These representative walls will be selected as worst-case walls based on physical parameters and elastic stress analyses. Inelastic analysis results, steel strain, masonry strain and deflection will be compared to allowable values and quantitative margins will be demonstrated.
3. Based on the above elastic and inelastic analysis results, RG&E will assess the acceptability of the remaining reinforced walls in the control building. The significant wall parameters, seismic input motions, wall types and dimensions, material physical properties and elastic frequencies will be utilized in the assessment. This evaluation will also include the results of the elastic plate theory vs. one-way inelastic action for a typical cantilever wall, to verify that the assumption of one-way action is conservative.

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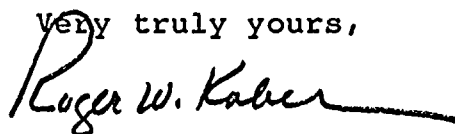
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SHEET NO. 2

DATE November 6, 1985  
TO Mr. John A. Zwolinski

The elastic and inelastic analyses will be performed using seismic input parameters developed in the SEP program, as given in NUREG/CR-1821. RG&E expects to submit all results to the NRC by December 20, 1985.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Roger W. Kober", with a long horizontal flourish extending to the right.

Roger W. Kober