

Central Files

February 09, 1981

Docket No. 50-244
LS05-81-02-007

Mr. John E. Maier
Vice President
Electric and Steam Production
Rochester Gas & Electric Corporation
89 East Avenue
Rochester, New York 14649



Dear Mr. Maier:

SUBJECT: GINNA - SEP TOPICS III-4.A, III-4.C, III-7.C

We are continuing our review of SEP Topics III-4.A, Tornado Missiles; III-4.C, Internally Generated Missiles; and III-7.C, Delamination of Prestressed Concrete Containment Structures.

The intent of the attached requests is to obtain existing information and analyses. If may be possible to alleviate some of the concerns with a minimum of additional effort. In such cases, we would like to have this information; however, these requests do not require you to perform additional analyses.

You are requested to submit the additional information described in the enclosure within 30 days of your receipt of this letter.

Sincerely,

Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosure: As stated

cc w/enclosure:
See next page

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DATE	2/2/81	2/2/81	2/2/81	2/3/81	2/4/81	2/4/81





UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555
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Division of Licensing

Enclosure: As stated

cc w/enclosure:
See next page



12

Mr. John E. Maier

R. E. GINNA NUCLEAR
POWER PLANT
DOCKET NO. 50-244

cc

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ENCLOSURE

GINNA STATION

REQUEST FOR ADDITIONAL INFORMATION

STRUCTURAL ENGINEERING BRANCH

Additional information is needed for the following structural topics:

III-4A Tornado Missiles

For each Category I structure except the containment (addressed in FSAR Section 5.1.2.8), provide the missile set that was used in the design and description of the methods of analysis in determining the capability of structural walls to withstand the missile impact. Provide also the wall thicknesses and concrete parameters used for the missile barrier calculations.

III-4C Internally Generated Missiles

Provide a description of areas outside the containment (Section 5.1.2.8 of the FSAR addresses only internally generated missile for the containment) that require missile protection (except for tornados). For all Category I structures, including the containment, provide the procedure used to determine the requirements of the barriers used to stop the missiles and a description of the missiles considered including the size, weight and probable impact area.

III-7C Delamination of Prestressed Concrete Containment Structures

Provide design and/or as built drawings of the containment dome and shell showing the radial steel arrangement. If no radial steel was used, provide the procedure used to assess the likelihood of delaminations in the concrete.



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