

TERA



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

July 16, 1979

Docket No. 50-219

Mr. I. R. Finfrock, Jr.
Vice President - Generation
Jersey Central Power & Light Company
Madison Avenue at Punch Bowl Road
Morristown, New Jersey 07960

Dear Mr. Finfrock:

RE: REQUEST FOR ADDITIONAL INFORMATION
SYSTEMATIC EVALUATION PROGRAM STRUCTURAL TOPICS
OYSTER CREEK NUCLEAR GENERATING STATION

To continue our review of the Systematic Evaluation Program structural topics, we request that you provide the information described in the enclosure for each of the identified topics.

Your response is requested within 30 days so that we can maintain our review schedule.

Sincerely,

A handwritten signature in cursive script that reads "Dennis L. Ziemann".

Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors

Enclosure:
Request for Additional
Information

cc w/enclosure:
See next page

2021 342

7908280 56.9 P

Mr. I. R. Finfrock, Jr.

- 2 -

July 16, 1979

cc w/enclosure:

G. F. Trowbridge, Esquire
Shaw, Pittman, Potts and Trowbridge
1800 M Street, N. W.
Washington, D. C. 20036

GPU Service Corporation
ATTN: Mr. E. G. Wallace
Licensing Manager
260 Cherry Hill Road
Parsippany, New Jersey 07054

Anthony Z. Roisman
Natural Resources Defense Council
917 15th Street, N. W.
Washington, D. C. 20005

Steven P. Russo, Esquire
248 Washington Street
P. O. Box 1060
Toms River, New Jersey 08753

Joseph W. Ferraro, Jr., Esquire
Deputy Attorney General
State of New Jersey
Department of Law and Public Safety
1100 Raymond Boulevard
Newark, New Jersey 07012

Ocean County Library
Brick Township Branch
401 Chambers Bridge Road
Brick Town, New Jersey 08723

K M C, Inc.
ATTN: Richard E. Schaffstall
1747 Pennsylvania Avenue, N. W.
Suite 1050
Washington, D. C. 20006

2021 343

OYSTER CREEK NUCLEAR GENERATING STATION
REQUEST FOR ADDITIONAL INFORMATION
STRUCTURAL TOPICS

Additional information is needed for the following structural topics:

III-2 Wind and Tornado Loads

1. Indicate which standards or codes (including date of edition) were used in the design of each Category I structure for wind loads.
2. Provide the information on how the tornado loadings which consist of the translational and tangential wind, the depressurization, and the tornado missile forces were considered in the design of each Category I structure.

III-3.A Effects of High Water Level on Structures

For each of the Category I structures state the water level that was considered in the design.

III-7.8 Design Codes, Design Criteria, Load Combination, and Reactor Cavity Design Criteria

1. With regard to the design of the steel containment, provide the design specifications and appropriate design reports. This information should include the information requested in items two through six below.
2. List the codes and standards (including edition date) used for design and construction of all Category I structures.
3. List all loads and load combinations considered in the design of each Category I structure, including any missile or pipe break effects. Define the term "Operating load" listed in load tables 1-A-4 and 1-A-5 of Amendment 22.
4. Provide the pertinent material properties of the steel and concrete used in the design of all safety related structures (i.e., f_g , f_i , etc.).
5. Describe the method of combining stresses induced by seismic actions with the stresses resulting from non-seismic loads.
6. Provide a summary of stresses or strains at critical locations in all Category I structures for each load and load combination considered in the design.

III-7.D Containment Structural Integrity Tests

Provide any reports that describe the procedures and results of the primary containment structural integrity test.