

50-244



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

June 3, 1997

Dr. Robert C. Mecredy  
Vice President, Nuclear Operations  
Rochester Gas and Electric Corporation  
89 East Avenue  
Rochester, NY 14649

SUBJECT: EXEMPTION FROM THE REQUIREMENTS OF 10 CFR 70.24 - R. E. GINNA  
NUCLEAR POWER PLANT

Dear Dr. Mecredy:

It is our understanding that R. E. Ginna does not meet the criteria of 10 CFR 70.24 and does not have an exemption from this rule. You may apply for an exemption to 10 CFR 70.24 under 10 CFR 70.14 of the Commission's regulations. Your application should address the eight criteria for granting exemptions from this rule:

1. Plant procedures do not permit more than one PWR fuel assembly or three BWR fuel assemblies to be in storage or transit between their associated shipping cask or storage rack at one time.
2. The requirement is met that k-effective not exceed 0.95, at a 95% probability, 95% confidence level with the fresh fuel storage racks filled with fuel of the maximum permissible U-235 enrichment and flooded with pure water.
3. The requirement is met that k-effective not exceed 0.98, at a 95% probability, 95% confidence level with the fresh fuel storage racks filled with fuel at the maximum permissible U-235 enrichment and flooded with moderator at the (low) density corresponding to optimum moderation.
4. The requirement is met that k-effective not exceed 0.95, at a 95% probability, 95% confidence level with the spent fuel storage racks filled with fuel of the maximum permissible U-235 enrichment and flooded with pure water.
5. The quantity of forms of special nuclear material, other than nuclear fuel, such as sources or detectors, that are stored onsite in one area, is less than that necessary for a critical mass.
6. Radiation monitors, as required by GDC 63, are provided in fuel storage and handling areas to detect excessive radiation levels and to initiate appropriate safety actions.
7. The maximum nominal U-235 enrichment is 5 wt%.
8. Training is provided to the appropriate personnel for safely handling fresh fuel.

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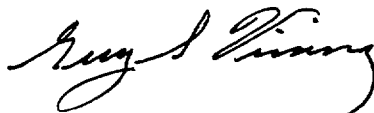
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R. Mecredy

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For each criterion that you do not meet, please explain why meeting that criterion is not necessary in the case of R. E. Ginna.

Sincerely,

A handwritten signature in cursive script, appearing to read "Guy S. Vissing".

Guy S. Vissing, Sr. Project Manager  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket No. 50-244

cc: See next page

R. Mecredy

- 2 -

June 3, 1997

For each criterion that you do not meet, please explain why meeting that criterion is not necessary in the case of R. E. Ginna.

Sincerely,

(Original Signed By)

Guy S. Vissing, Sr. Project Manager  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket No. 50-244

cc: See next page

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Dr. Robert C. Mecredy

R.E. Ginna Nuclear Power Plant

cc:

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