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Docket No. 50-358

FEB 22 1983

Mr. Earl A. Borgmann
 Senior Vice President, Engineering
 The Cincinnati Gas & Electric Company
 Post Office Box 960
 Cincinnati, Ohio 45201

Dear Mr. Borgmann:

Subject: Environmental Qualification of Safety-Related Mechanical
 Equipment Located in Harsh Environment

As a result of our continuing review of the operating license application for several plants, we have developed the following additional guidance concerning submittal of information needed to complete our review of the environmental qualification of safety-related equipment.

In order to demonstrate compliance with General Design Criterion 4 of Appendix A to 10 CFR Part 50, we require that a review and evaluation be performed that includes the following:

- 1) Identification of safety-related mechanical equipment located in harsh environment areas, including required operating time.
- 2) Identification of the nonmetallic subcomponents of this equipment.
- 3) Identification of the environmental conditions this equipment must be qualified for.
- 4) Identification of nonmetallic material capabilities.
- 5) Evaluation of environmental effects.

The site audit for environmental qualification will be limited to electrical equipment located in harsh environment areas, and will not include mechanical equipment. We will select approximately three items of mechanical equipment for which documentation of environmental qualification must be provided for our review, along with the results of the review performed for all safety-related mechanical equipment located in harsh environment areas.

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The results of the review will be required about the same time as your site audit.

Sincerely,

151

B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing

cc: See next page

OFFICE	DL:LB#1	DE:EOB 266	DL:LB#1				
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DATE	2/17/83	2/22/83	2/18/83				

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