

REGULATORY DOCKET FILE COPY

Docket No. 50-244

JUNE 25 1980

Mr. Leon D. White, Jr.
 Vice President
 Electric and Steam Generation
 Rochester Gas and Electric Corporation
 39 East Avenue
 Rochester, New York 14649

Dear Mr. White:

RE: SEP TOPIC VII-1.A. ISOLATION OF REACTOR PROTECTION SYSTEM
 FROM NON-SAFETY SYSTEMS, INCLUDING QUALIFICATION IF
 ISOLATION DEVICES

We are reviewing the drawings and information you provided for SEP
 Topic VIII-1.A and find that we need additional information. Please
 provide the information and drawings requested in the enclosure so
 that we may continue our review.

Sincerely,

Original signed by
 Dennis M. Crutchfield

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

Enclosure:
 Request for Additional Information

cc w/enclosure:
 See next page

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OFFICE	DL:ORB #5/PM	DL:ORB #5/C			
SURNAME	SNOWICKI:rj	DCRUTCHFIELD			
DATE	6/24/80	6/15/80			



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

June 25, 1980

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Electric and Steam Generation
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Operating Reactors Branch #5
Division of Licensing

Enclosure:
Request for Additional Information

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See next page

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Washington, D. C. 20006

REQUEST FOR ADDITIONAL INFORMATION ON SEP
TOPIC VII-1.A FOR R. E. GINNA

It is the staff's position that isolation devices which are used to provide electrical independence between Class 1E and non-Class 1E equipment must be designed, qualified, and implemented in accordance with all of the requirements for Class 1E equipment and are an integral part of the system which they are intended to protect. Therefore, for each of the following isolation amplifiers,

- 1) M/66 BR-OH
- 2) M/66 (Special), and
- 3) M/3420 DANA Amp.

Please provide:

- 1) The equipment specifications
- 2) The electrical schematic and one line drawings,
- 3) A description of how the equipment satisfies the requirements of IEEE Std 279-1968, and
- 4) A description of how these amplifiers were qualified for their protective function (including range of energy input).

