

Westinghouse Electric Corporation

Power Systems

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PDR

July 3, 1974

NS-NS-279

Mr. Victor Stello
Assistant Director for Reactor Safety
Directorate of Licensing
Atomic Energy Commission
7920 Norfolk Avenue
Bethesda, Maryland 20014

Dear Mr. Stello:

Our experience in the design and licensing of nuclear power plants has indicated a need for more definitive design and classification criteria for safety related electrical equipment. IEEE-279 is appropriate for electrical equipment used to shutdown the reactor and actuate engineered safety features systems. However, this IEEE Standard is not easily extended to other applications and is overly restrictive and costly for some equipment that is related to safety only in a secondary manner, e.g., equipment used to verify plant operating conditions prior to the initiation of a postulated accident.

Accordingly, Westinghouse has developed "Criteria for Safety Related Electrical Equipment for Nuclear Power Generating Stations", which is enclosed for your review and comment. These criteria classify electrical equipment according to safety classes in rough correspondence to the mechanical equipment categories of ANSI-M18.2-1973, "Nuclear Safety Criteria for the Design of Pressurized Water Reactor Plants".

It is our intent to apply the enclosed criteria in the design of plants referencing RESAR-41 and RESAR-3 and in all future applications. To this end, may we suggest a one day meeting with you and/or appropriate members of your staff the week of July 15 to clarify or otherwise discuss these criteria.

Very truly yours

WESTINGHOUSE ELECTRIC CORPORATION

Romney Salvatori

R. Salvatori, Manager
Nuclear Safety Department

DMW:pj

Enclosure

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