



Westinghouse
Electric Corporation

Water Reactor
Divisions

PWR Systems Division

Box 355
Pittsburgh Pennsylvania 15230

NS-TMA-2229

May 5, 1980

James R. Miller, Chief
Special Projects Branch
Division of Project Management
Nuclear Regulatory Commission
Phillips Building
7920 Norfolk Avenue
Bethesda, MD 20014

Dear Mr. Miller:

Enclosed are fifty (50) copies of Revision 3 to WCAP 8587 "Methodology for Qualifying Westinghouse WRD Supplied Safety Related Electrical Equipment." This revision will be achieved by inserting the replacement pages, according to the enclosed instructions, into the previous revision (Rev. 2) of this topical report submitted to you on March 5, 1979 (NS-TMA-2049).

This latest revision includes additional information and clarification requested by the Staff during meetings between the Instrumentation and Control Systems Branch and Westinghouse on January 30, 1980 and February 27, 1980 to review the status of the Westinghouse qualification program to IEEE 323-1974. The following significant changes are included:

- inclusion of the containment test as a separately defined environment (p. 6-3)
- an amplification of the conservatism contained in the generic design envelopes for high energy line break (p. 6-6)
- a change to the spray specification and test requirements to reflect the most conservative spray concentration permitted by the plant specifications (p. 6-6 and 7-5)
- a complete new section identifying how Westinghouse employs margin in specifying the qualification parameters (p. 7-1)
- a major re-write of the Westinghouse Aging Evaluation Program contained in Appendix B to respond to the Staff difficulties in identifying the methodology to be employed for the various subprograms.

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