

GENERAL ELECTRIC

NUCLEAR POWER
SYSTEMS DIVISION

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MFN-01-81

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January 9, 1981



U.S. Nuclear Regulatory Commission
Division of Safety Technology
Office of Nuclear Reactor Regulation
Washington, DC 20555

Attention: Mr. Karl Kniel, Chief
Generic Issues Branch

Gentlemen:

SUBJECT: MARK II CONTAINMENT PROGRAM
ASSUMPTIONS FOR USE IN ANALYZING MARK II BWR SUPPRESSION
POOL TEMPERATURE RESPONSE TO PLANT TRANSIENTS INVOLVING
SAFETY/RELIEF VALVE DISCHARGE - REVISION 1

Reference: Letter, R. H. Buchholz (GE) to John F. Stolz (NRC),
"Mark II Containment Program - Assumptions for Use in
Analyzing Mark II BWR Suppression Pool Temperature Response
to Plant Transients Involving Safety/Relief Valve Discharge,"
dated April 18, 1980

Enclosed are seventy (70) copies of a document entitled "Assumptions for Use in Analyzing Mark II BWR Suppression Pool Temperature Response to Plant Transients Involving Safety/Relief Valve Discharge - Revision 1" which are being provided by the General Electric Company on behalf of the Mark II Owners Group as part of the Mark II Containment Program. This document presents the generic assumptions to be used in the analyses of Mark II suppression pool temperature response to plant transients involving safety/relief valve discharge and describes the transients to be analyzed.

The enclosed document contains revisions and additions to the previous document submitted to the NRC by the reference letter. The revisions more accurately reflect plant conditions and the added material in Appendices C, D, and E is being provided at the request of the NRC Staff. The enclosed report, including the revisions and additions, were

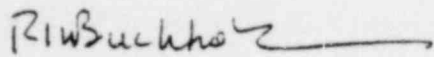
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discussed with the NRC Staff at a meeting on December 12, 1980. The analysis results submitted by individual Mark II applicants will be based on the enclosed document.

Very truly yours,



R. H. Buchholz, Manager
BWR Systems Licensing
Safety and Licensing Operation

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cc: T. M. Su (NRC)
H. Chau (Mark II Owners Group)
L. S. Gifford (GE - Bethesda)