

GENERAL  ELECTRIC

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NUCLEAR POWER

SYSTEMS DIVISION


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RHB 038-80

MFN 097-80

May 12, 1980

U. S. Nuclear Regulatory Commission
Division of Project Management
Office of Nuclear Reactor Regulation
Washington, D. C.

Attention: Olan D. Parr, Chief 
Light Water Reactor Branch No. 3

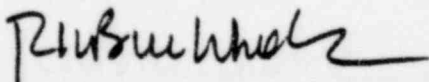
Gentlemen:

SUBJECT: GENERAL ELECTRIC REPORT NEDO-25153, "ANALYTICAL MODEL FOR
ESTIMATING DRAG FORCES ON RIGID SUBMERGED STRUCTURES
CAUSED BY CONDENSATION OSCILLATIONS AND CHUGGING - MARK III
CONTAINMENTS

Twenty copies of the report NEDO-25153, "Analytical Model for Estimating Drag Forces on Rigid Submerged Structures Caused by Condensation Oscillations and Chugging - Mark III Containments" are being provided for your information. This report is referenced in Appendix 3B, entitled "Containment Loads", of the Final Design Approval General Electric Standard Safety Analysis Report (Docket Number FTN-50-447), Appendix 3B entitled "Containment Loads." The enclosed report describes an analytical model for calculating the forces experienced by rigid submerged structures due to condensation oscillations and chugging.

Any questions on this report should be directed to Mr. L. D. Steinert
(408) 925-2637.

Very truly yours,



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

RHB:rf/739

Enclosure

cc: H. Chau (Mark II Owners Group)
J. Kudrick (NRC)
W. Butler (NRC)
L. S. Gifford (GE-Bethesda)