GENERAL ELECTRIC

NUCLEAR ENERGY

PROJECTS DIVISION

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MFN-006-80

January 9, 1980

U.S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, D. C. 20555

Attention: Mr. D. G. Eisenhut, Acting Director
Division of Operating Reactors

Gentlemen:

SUBJECT: MARK I CONTAINMENT PROGRAM
GENERAL ELECTRIC REPORT NEDO-21878, "ANALYTICAL MODEL FOR COMPUTING AIR BUBBLE AND BOUNDARY PRESSURES RESULTING FROM AN S/RV DISCHARGE THROUGH A T-QUENCHER DEVICE"

Seventy copies of the report NEDO-21878, "Analytical Model for Computing Air Bubble and Boundary Pressures Resulting From an S/RV Discharge Through a T-Quencher Device", are being provided by the General Electric Company on behalf of the Mark I Owners Group as part of the Mark I Containment Program, Task 7.1.1.2. This report describes the methodology for calculating the loads on the boundaries of a Mark I pressure suppression pool due to safety/relief valve actuation in plants equipped with T-quencher discharge devices.

This report is a non-proprietary version of NEDE-21878-P submitted to you earlier.

Very truly yours,

L. J. Sobon, Manager
BWR Containment Licensing
Containment Improvement Programs

LJS:at/105A4

Attachments

cc: L. S. Gifford (GE-Bethesda)
C. I. Grimes (NRC)

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