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ENCLOSURE

Forwarding G.E. rept entitled: " Analytical Model For Liquid Jet Properties For Predicting Forces On Rigid Submerged Structures," NEDO-21472, dtd Sept 1977...

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May 2, 1978

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

Attention: Mr. John F. Stolz, Chief
Light Water Reactors Branch No. 1

Gentlemen:

SUBJECT: GENERAL ELECTRIC REPORT, "ANALYTICAL MODEL FOR LIQUID JET PROPERTIES FOR PREDICTING FORCES ON RIGID SUBMERGED STRUCTURES," NEDO-21472, DATED SEPTEMBER 1977

Reference: Letter with Report, "General Electric Report, 'Analytical Model for Liquid Jet Properties for Predicting Forces on Rigid Submerged Structures,' NEDE-21472, dated September 1977," to J. F. Stolz (NRC) from L. J. Sobon (GE), dated January 26, 1978

One hundred (100) copies of the subject report (NEDO-21472) are being provided by General Electric for the Mark I and Mark II Owners Groups for your review as part of the respective Containment Programs, Tasks 5.14 and A.5.

This report, which is the non-proprietary version of NEDE-21472, provided to you earlier this year (reference) provides a method for calculating LOCA and Ramshead water-jet loads on submerged structures.

7813200 44

GENERAL ELECTRIC

Any questions regarding this report should be directed to L. H. Frauenholz, the Mark II Containment Licensing Engineer, (408) 925-2623.

Sincerely,

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

LJS:mh/1649-1650

Enclosures: 100

cc: C. J. Anderson (NRC)
H. C. Brinkmann (Mark II Owners Group)
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