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SUBJECT:
REQUESTING WITHHOLDING PURSUANT TO 2.790 INFO...FORWARDING PROPRIETARY INFO CONSISTING OF MARK II CONTAINMENT PROGRAM LTR REPT, "LEAD PLANT CONTAINMENT RESPONSE TO IMPROVED CHUGGING LOAD DEFINITION," JUNE 1978.

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GENERAL ELECTRIC

NUCLEAR ENERGY

PROJECTS DIVISION

GENERAL ELECTRIC COMPANY, 175 CURTNER AVE., SAN JOSE, CALIFORNIA 95125

MC 681, (408) 925-3495

MFN-280-78

July 7, 1978

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

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

Gentlemen:

SUBJECT: MARK II CONTAINMENT PROGRAM LETTER REPORT, "LEAD PLANT CONTAINMENT RESPONSE TO IMPROVED CHUGGING LOAD DEFINITION," JUNE 1978

Twenty (20) copies of the subject letter report are being provided by General Electric Company on behalf of the Mark II Owners Group for information as part of the Mark II Containment Supporting Program, Task A.16. This letter report provides the results of a comparison of the Mark II containment response to the lead plant 4T Bounding Loads Report chugging load specification with that for an improved load specification based on an impulse chug source at the vent. This comparison was done for a pre-stress concrete, reinforced concrete, and steel containment to show that the 4T bounding load specification is conservative and suitable for lead plant application. In addition, this study introduces aspects of improvement in this load definition for consideration in subsequent plant evaluations.

The enclosed report contains information which the General Electric Company customarily maintains in confidence and withholds from public disclosure. The information has been handled and classified proprietary by General Electric as indicated in the affidavit submitted with report

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PT02 S 1/20 repro 17 add'l DKS

NEDE-23617-P by my letter to O. D. Parr dated August 11, 1977. The request is hereby made that letter report "Lead Plant Containment Response to Improved Chugging Load Definition" be withheld from public disclosure in accordance with 10CFR2.790.

Since this letter report has not been assigned an alpha-numerical identification and is being provided for your information, we do not intend to submit a non-proprietary version.

Very truly yours,

L. J. Sobon, Manager
BWR Containment Licensing

LJS:sj/251-252

Enclosures

cc: C. J. Anderson (NRC)
I. A. Peltier (NRC)
R. L. Tedesco (NRC)
H. Chau (Mk II Owners Group)
H. C. Brinkman (Mark II Owners Group)
L. S. Gifford (GE, Bethesda)
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