

GENERAL ELECTRIC

NUCLEAR ENERGY

PROJECTS DIVISION

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

MFN-390-78

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October 19, 1978

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

Attention: Mr. V. Stello, Director
Division of Operating Reactors

Gentlemen:

SUBJECT: MARK I CONTAINMENT PROGRAM
GENERAL ELECTRIC REPORT "NEDE-21943-P, 1/4 SCALE PRESSURE
SUPPRESSION POOL SWELL TEST PROGRAM: DOWNLOAD OSCILLATION
EVALUATION"

Twenty copies of the report "NEDE-21943-P, 1/4 Scale Pressure Suppression Pool Swell Test Program: Download Oscillation Evaluation" 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 5.5.2. This report presents the results of a pool swell test program conducted in the Mark I 1/4 Scale Test Facility (QSTF) which identified the causes of download oscillations previously observed in subscale pool swell tests and developed methods to prevent their subsequent occurrence. As described in this report, download oscillations can be virtually eliminated in the QSTF by laterally stiffening the end windows and by removing the submerged surface air bubbles.

The report, NEDE-21943-P, contains information which 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 attached affidavit. Accordingly, we hereby request that NEDE-21943-P be withheld from public disclosure in accordance with the provisions of 10CFR2.790.

A non proprietary version of NEDE-21943-P is being prepared for submittal in the near future.

Very truly yours,

L. J. Sobon
for L. J. Sobon, Manager
BWR Containment Licensing

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LJS:daj/228

cc: L. S. Gifford (GE-Bethesda)
C. I. Grimes (NRC)
File 2.10/2.3.5.5

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