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NUCLEAR POWER
SYSTEMS DIVISION

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

Attention: Mr. Roger J. Mattson, Director
Division of Safety Technology

Gentlemen:

SUBJECT: MARK I CONTAINMENT PROGRAM
GENERAL ELECTRIC REPORT NEDO-24778, "VENT SYSTEM
COMPRESSIBILITY - EFFECTS ON MARK I POOL SWELL"

Twenty (20) copies of the report NEDO-24778, "Vent System Compressibility - Effects on Mark I Pool Swell" are being provided by the General Electric Company on behalf of the Mark I Owners Group as part of the Mark I Containment Program. This report describes a study undertaken to determine the effects of vent system compressibility on Mark I pool swell. The report concludes that although compressibility effects were not modeled in previous subscale tests, the test results are conservative for existing Mark I conditions.

This report is a non-proprietary version of NEDE-24778-P submitted to the NRC earlier this year.

RHBuchholz

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