

GENERAL ELECTRIC

NUCLEAR ENERGY
PROJECTS DIVISION

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MFN-224-79

September 4, 1979

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

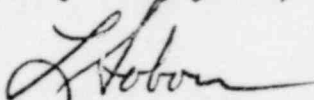
Gentlemen:

SUBJECT: MARK I CONTAINMENT PROGRAM
GENERAL ELECTRIC REPORT NEDO-24537, "DEVELOPMENT OF
DOWNCOMER LATERAL LOADS FROM FULL SCALE TEST FACILITY
DATA"

Seventy copies of the report NEDO-24537, "Development of Downcomer Lateral Loads From Full Scale Test Facility Data", 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 7.3.2. This report provides the methodology for definition of the hydraulic loads produced on untied downcomers of Mark I containment systems during a postulated loss-of-coolant-accident. Resultant static equivalent lateral loads are provided for the air clearing, condensation oscillation and chugging regimes of the postulated event.

This report is a non-proprietary version of NEDE-24537-P submitted to you earlier.

Very truly yours,



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

LJS:at/105A9

Attachments

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

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