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TO: Mr. John F. Stolz

FROM: General Electric
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TOPICAL REPORT

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(2-P)

ENCLOSURE

Mark II Containment Program Report, "Single
Vent Chugging Model," NEDE-23703-P, Dtd.
Sept., 1977 forwarded for NRC review as part
of the Mark II Containment Supporting Program,
Task A.6...w/att Affidavit of Glenn G.
Sherwood....notorized 11/17/77.....

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NUCLEAR ENERGY

SYSTEMS DIVISION

NUCLEAR ENERGY
PROJECTS DIVISION
MFN-442-77

November 15, 1977

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

Attention: Mr. John F. Stolz, Chief
Light Water Reactors Branch No. 3
Division of Reactor Licensing

Gentlemen:

SUBJECT: MARK II CONTAINMENT PROGRAM REPORT, "SINGLE VENT CHUGGING
MODEL," NEDE-23703-P, DATED SEPTEMBER, 1977

Reference: Mark II Lead Plant Topical Report — Pool Boundary and
Main Vent Chugging Loads Justification, NEDE-23617-P,
Dated July, 1977

Seventy (70) copies of the subject report (NEDE-23703-P) are being provided by General Electric for the Mark II Owners Group for your review as part of the Mark II Containment Supporting Program, Task A.6. This report provides an analytical description of chugging and presents a model for predicting single vent chug frequency (time between chugs) and the frequency content of each chug.

The information in this report supports the related technical discussions presented in the Chugging Loads Justification Report, NEDE-23617-P, (reference) submitted to the NRC in August, 1977.

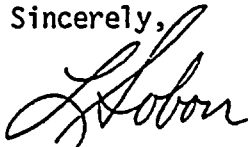
The enclosed report contains information which the General Electric Company customarily maintains in confidence and withholds from public disclosure. The information has been handled and classified proprietary by General Electric as indicated in the attached proprietary affidavit, and the request is hereby made that NEDE-23703-P be withheld from public disclosure in accordance with the provisions of 10CFR2.790. The nonproprietary version of this report (NED0-23703) will be provided in December, 1977.

GENERAL ELECTRIC

U. S. Nuclear Regulatory Commission
Attention: Mr. John F. Stolz
Page 2
November 15, 1977

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:pat/75, 76

Enclosures: 70
Attachment

cc: C. J. Anderson (NRC)
H. C. Brinkmann (Mark II Owners Group)
L. S. Gifford (GE, Bethesda)
J. C. Guibert (NRC)
I. A. Peltier (NRC)
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