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~~TOPICAL REPORT~~
TOPICAL REPORT

TO:
Mr. John F. Stolz

FROM:
General Electric
San Jose, Ca. 95125
L. S. Sobon

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05/02/78

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ENCLOSURE

Forwarding G.E. rept entitled:
"Analytical Model For Liquid Jet Properties For Predicting Forces On Rigid Submerged Structures," NEDO-21472, dtd Sept 1977...

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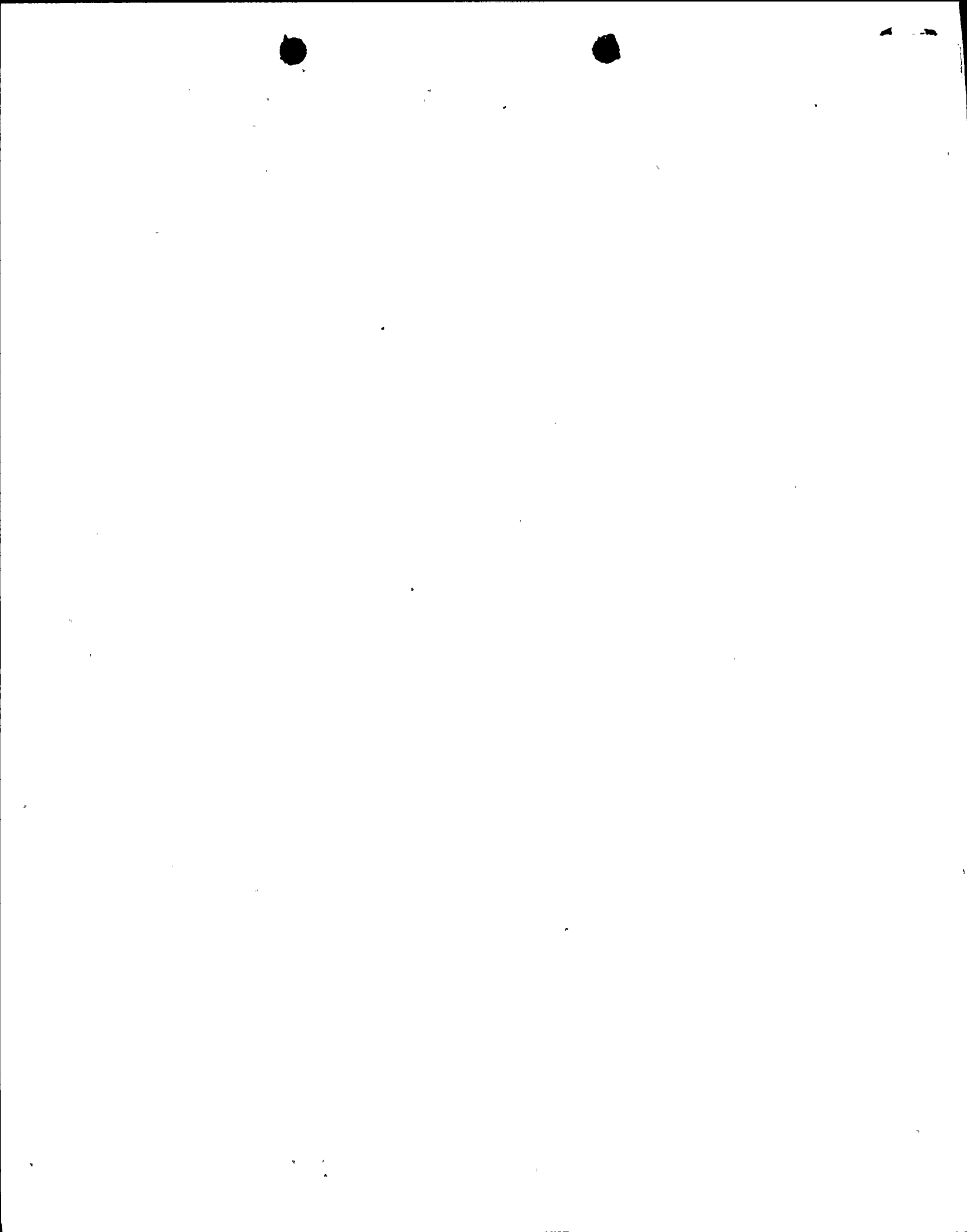
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MFN-187-78

May 2, 1978

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

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

Gentlemen:

SUBJECT: GENERAL ELECTRIC REPORT, "ANALYTICAL MODEL FOR LIQUID JET
PROPERTIES FOR PREDICTING FORCES ON RIGID SUBMERGED
STRUCTURES," NEDO-21472, DATED SEPTEMBER 1977

Reference: Letter with Report, "General Electric Report, 'Analytical
Model for Liquid Jet Properties for Predicting Forces on
Rigid Submerged Structures,' NEDE-21472, dated September
1977," to J. F. Stolz (NRC) from L. J. Sobon (GE), dated
January 26, 1978

One hundred (100) copies of the subject report (NEDO-21472) are being
provided by General Electric for the Mark I and Mark II Owners Groups for
your review as part of the respective Containment Programs, Tasks 5.14
and A.5.

This report, which is the non-proprietary version of NEDE-21472, provided
to you earlier this year (reference) provides a method for calculating
LOCA and Ramshead water-jet loads on submerged structures.

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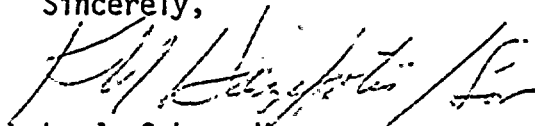
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GENERAL  ELECTRIC

Mr. John F. Stolz
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May 2, 1978

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:mh/1649-1650

Enclosures: 100

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