

STANDARD DISTRIBUTION FOR INCOMING MATERIAL RELATING TO WORK II CONTAINMENT

NRC FORM 195
(2-78)

U.S. NUCLEAR REGULATORY COMMISSION

DOCKET NUMBER

TOPICAL

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

~~XXXXXXXXXX~~

TOPICAL REPORT

TO: Mr. John F. Stolz

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

DATE OF DOCUMENT

01/27/78

DATE RECEIVED

02/01/78

☐ LETTER☐ NOTORIZED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

☐ ORIGINAL☐ UNCLASSIFIED☐ COPY

151620

DESCRIPTION

ENCLOSURE

G. E. Rept entitled:

"Analytical Model For Estimating Drag Forces
On Rigid Submerged Structures Caused By LOCA
And Safety Relief Valve Ramshead Air Discharges,
NEDO-21471, dtd September, 1977....

1p

1/2"

LETTERS OF INCORPORATION WILL BE PLACED IN
EACH DOCKET LISTED BELOW.NOTE: CYS WILL BE PLACED IN THE LPDR FOR
THE FOLLOWING:

ZIMMER 50-358 NINE MILE POINT 50-410

LIMERICK 50-352/353

WPPS-2 50-397

BAILLY 50-367

SHOREHAM 50-322

LA SALLE 50-373/374

jcm 02/02/78

100 Encl / 2000 LTR'S

FOR ACTION/INFORMATION

INTERNAL DISTRIBUTION

CENTRAL FILES (2) W/9 Ltrs. for each Docket

NRC PDR

LPDR'S (7) See Note Above

TIC

NSIC

ACRS (16)

I. SIHVELL (2)

G. LAINAS (7)

J. KNIGHT (2)

C. ANDERSON

I. PELTIER

~~XXXXXXXXXX~~ D. TIBBETTS

LYNCH, MD

J. SNELL

A. BOURNIA

W. KANE

S. MINER

T & E (7)

L. SHAO

LETTER ONLY

R. DEYOUNG

~~XXXXXXXXXX~~

K. KNIEL

O. PARR

~~XXXXXXXXXX~~~~XXXXXXXXXX~~

M. RUSHBROOK

W. PIKE

S. VARGA

VASSALLO

GOLLER

SCHRODER

TROESCO

STELLO

EISENHUT

SCHWENKER

J. GUILBERT

~~EXTERNAL DISTRIBUTION~~

CONTROL NUMBER

BUTLER (4)

STOLZ

DAVIS

LEAR

REID

MOORE

780330035

GENERAL ELECTRIC



CONFIDENTIAL DOCKET FILE COPY

NUCLEAR ENERGY

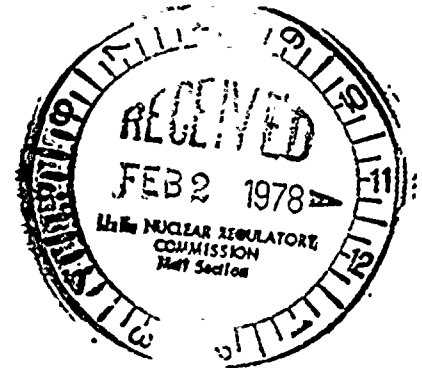
PROJECTS DIVISION

GENERAL ELECTRIC COMPANY, 175 CURTNER AVE., SAN JOSE, CALIFORNIA 95125
MC 681, (408) 925-3495

MFN-040-78

January 27, 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. 3

Gentlemen:

SUBJECT: GENERAL ELECTRIC REPORT, "ANALYTICAL MODEL FOR ESTIMATING
DRAG FORCES ON RIGID SUBMERGED STRUCTURES CAUSED BY LOCA
AND SAFETY RELIEF VALVE RAMSHEAD AIR DISCHARGES," NEDO-
21471, DATED SEPTEMBER, 1977

One hundred (100) copies of the subject report (NEDO-21471) 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.6.

This report describes methods for estimating drag forces on rigid structural members submerged in a suppression pool caused by the air discharge resulting from a Loss of Coolant Accident (LOCA) or Safety/Relief Valve Ramshead Discharge.

A proprietary Appendix A to this report (NEDO-21471), submitted by separate letter, contains the proprietary information referenced in the text of this report.

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:jg/101

780330035

Enclosures: 100

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)	R. L. Tedesco (NRC)

