

7 08/16/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL TOPREP

REC: STOLZ J F
NRC

ORG: SOBON L J
GEN ELEC

DOC DATE: 08/04/78
DATE RCVD: 08/16/78

DOCTYPE: LETTER NOTARIZED: NO COPIES RECEIVED
SUBJECT: LTR 1 ENCL 10
FORWARDING GE TOPICAL REPT ENTITLED: "SUPPRESSION POOL TEMPERATURE RESPONSE
TO A SAFETY/RELIEF VALVE DISCHARGE THROUGH A RAMSHEAD IN MARK I AND II
CONTAINMENTS," NEDO-23689, MAY, 1978.

REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL:

***** DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS *****

NOTES:
STANDARDIZED PLANT

TOPICAL RPTS & CORRESPONDENCE RE MARK I & II CONTAINMENT
(DISTRIBUTION CODE T009)

INTERNAL:	REG FILE**W/O ENCL	CENTRAL FILE**W/2 ENCL
	50-322 FILE**LTR ONLY	50-352 FILE**LTR ONLY
	50-353 FILE**LTR ONLY	50-358 FILE**LTR ONLY
	50-367 FILE**LTR ONLY	50-373 FILE**LTR ONLY
	50-374 FILE**LTR ONLY	50-397 FILE**LTR ONLY
	50-410 FILE**LTR ONLY	NRC PDR**W/ENCL
	STRUCTURAL ENG BR**W/ENCL	CONTAINMENT SYSTEMS**W/ENCL(7)
	AD FOR ENG**W/ENCL(2)	C ANDERSON**W/ENCL
	I PELTIER**W/ENCL	M D LYNCH**W/ENCL
	J SNELL**W/ENCL	A BOURNIA**W/ENCL
	W KANE**W/ENCL	S MINER**W/ENCL
	D TIBBETTS**W/ENCL	DEPUTY DIR DPM**LTR ONLY
	D VASSALLO**LTR ONLY	LWR#2 CHIEF** W/ENCL ENCL
	LWR#3 CHIEF**LTR ONLY	LWR#1 CHIEF**LTR ONLY
	AD FOR PLANT SYSTEMS** W/ENCL ENCL	M RUSHBROOK**LTR ONLY
	W PIKE**LTR ONLY	LWR#4 CHIEF**LTR ONLY
	ENGINEERING BR**W/4 ENCL	PLANT SYSTEMS BR**W/6 ENCL
	G LEAR**W/ENCL	F SCHROEDER**W/ENCL
	DIRECTOR DOR**W/ENCL	AD FOR SYS & PROJ**W/ENCL
	C GRIMES**W/ENCL	D ZIEMANN**W/ENCL
	AD FOR ENGR & PROJ**W/ENCL	MECH ENG BR**W/ENCL

EXTERNAL:

LPDR'S
 PORT JEFFERSON-PDR**W/ENCL
 POTTSTOWN, PA-PDR**W/ENCL
 BATAVIA, OH-PDR**W/ENCL
 CHESTERTON, IN-PDR**W/ENCL
 OGLESBY, IL-PDR**W/ENCL
 RICHLAND, WA-PDR**W/ENCL
 OSWEGO, NY-PDR**W/ENCL
 TERA**W/ENCL
 NSIC**W/ENCL
 ACRS CAT **W/16 ENCL

~~TRACING~~
I & E 7 ENCL

MA 2
BD

GENERAL ELECTRIC

NUCLEAR ENERGY
PROJECTS DIVISION
MFN-322-78

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

August 4, 1978

REGULATORY DOCKET FILE COPY

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

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

Gentlemen:

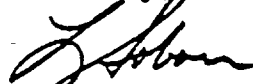
SUBJECT: GENERAL ELECTRIC REPORT, "SUPPRESSION POOL TEMPERATURE RESPONSE TO A SAFETY/RELIEF VALVE DISCHARGE THROUGH A RAMSHEAD IN MARK I AND II CONTAINMENTS," NEDO23689, MAY, 1978

Reference: Letter with Report, "General Electric Report, 'Suppression Pool Temperature Response to a Safety/Relief Valve Discharge through Ramshead in Mark I and II Containments,' NEDC23689-P, dated March, 1978," to J. F. Stolz, from L. J. Sobon, dated March 31, 1978.

One hundred (100) copies of the subject report are being provided by General Electric for the Mark I and Mark II Owners Groups for your review as part of Mark I Task 7.5 and Mark II Task B.6.

This report is the non-proprietary version of NEDC23689-P which described the analytical models used to predict the temperature distribution in the Mark I and II pressure suppression pools following S/RV discharge through a ramshead device, and was submitted to you in March 1978 (Reference).

Sincerely,



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

782200275

LJS:mm/949

Enclosures 100

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

File 2 10 2 1 2 6

100
1/100

17 08/09/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL

TOPREP

REC: STOLZ J F
NRC

ORG: SOBON L J
GEN ELEC

DOCDATE: 07/28/78
DATE RCVD: 08/07/78

DOCTYPE: LETTER NOTARIZED: YES

COPIES RECEIVED

SUBJECT: LTR 1 ENCL 70

REQUESTING WITHHOLDING PURSUANT TO 2.790 INFO... FORWARDING PROPRIETARY INFO
CONSISTING OF MARK II CONTAINMENT PROGRAM REPT, "EVALUATION OF
FLUID-STRUCTURE INTERACTION ON BWR MARK II CONTAINMENT STRUCTURES,"
MEDE-21936-P, JULY 1978... W/ATT PROP AFFIDAVIT

REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL:

***** DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS *****

PROPRIETARY TOPICAL RPTS RE MARK II CONTAINMENT
(DISTRIBUTION CODE PT02)

INTERNAL:

~~50-322~~ FILE**LTR ONLY
50-353 FILE**LTR ONLY
50-373 FILE**LTR ONLY
50-397 FILE**LTR ONLY
NRC PDR**LTR ONLY #3-9
CONTAINMENT SYSTEMS**W/7 ENCL
C ANDERSON**W/ENCL #10
M D LYNCH**W/ENCL #11
A BOURNIA**W/ENCL #12
S MINER**W/ENCL #13
DEPUTY DIR DPM**LTR ONLY
LWR#2 CHIEF**LTR ONLY
LWR#1 CHIEF**LTR ONLY
M RUSHBROOK**LTR ONLY
LWR#4 CHIEF**LTR ONLY

CENTRAL FILE**W/2 ENCL #1+2
50-352 FILE**LTR ONLY
50-358 FILE**LTR ONLY
50-374 FILE**LTR ONLY
50-410 FILE**LTR ONLY
STRUCTURAL ENG BR**W/2 ENCL #14-15
AD FOR ENG**W/2 ENCL #16-17
I PELTIER**W/ENCL #18
J SNELL**W/ENCL #19
W KANE**W/ENCL #20
D TIBBETTS**W/ENCL #21
D VASSALLO**LTR ONLY
LWR#3 CHIEF**LTR ONLY
AD FOR PLANT SYSTEMS**LTR ONLY
W PIKE**LTR ONLY

EXTERNAL:

LPDR'S
PORT JEFFERSON-PDR**LTR ONLY
POTTSTOWN, PA-PDR**LTR ONLY
BATAVIA, OH-PDR**LTR ONLY
CHESTERTON, IN-PDR**LTR ONLY
OGLESBY, IL-PDR**LTR ONLY
RICHLAND, WA-PDR**LTR ONLY
OSWEGO, NY-PDR**LTR ONLY
TERA**LTR ONLY
NSIC**LTR ONLY
L DREHER W/AFF**LTR ONLY
ACRS GAT **W/16 ENCL #22-37

DISTRIBUTION: LTR 65 ENCL 37
SIZE: 1P+4P+96P

CONTROL NBR: 782160053

MA 2
50

***** THE END *****

REGISTRATION COPY

GENERAL ELECTRIC

NUCLEAR ENERGY

PROJECTS DIVISION

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

MFN-316-78

July 28, 1978

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

Attention: Mr. John F. Stolz, Chief
Light Water Reactor Branch No. 1
Division of Project Management

RECEIVED
AUG 7 14 19 78
PROJECTS DIVISION

Gentlemen:

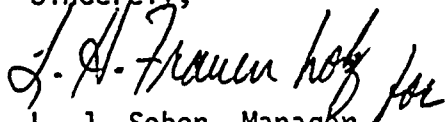
SUBJECT: MARK II CONTAINMENT PROGRAM REPORT, "EVALUATION OF
FLUID-STRUCTURE INTERACTION EFFECTS ON BWR MARK II
CONTAINMENT STRUCTURES," NEDE-21936-P, JULY 1978

Seventy (70) copies of the subject report (NEDE-21936-P) are being provided by General Electric Company on behalf of the Mark II Owners Group for your review as part of the Mark II Containment Supporting Program, Task C.8. This report describes a study to establish whether fluid-structure interaction (FSI) effects are present in Mark II containment structure responses to hydrodynamic loads.

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-21936-P and the attached affidavit be withheld from public disclosure in accordance with 10CFR2.790.

A non-proprietary version of this report is being prepared for submittal in August 1978.

Sincerely,



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

782160053

LJS:mh/1661

Enclosure (70)

cc: C. J. Anderson (NRC)
H. C. Brinkmann (Mark II Owners Group)
H. Chau (Mark II Owners Group)
L. S. Gifford (GE, Bethesda)
I. A. Peltier (NRC)
R. L. Tedesco (NRC)
File 3.2.7C

PT02
S
1/70
REPRO
LTR 15