

STANDARD DISTRIBUTION INCOMING MATERIAL RELATING TO MARK II CONTAINMENT

NRC FORM 195 (2-76)		U.S. NUCLEAR REGULATORY COMMISSION		DOCKET NUMBER
NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL				XXXXXXXXXX
TO: Mr. Oland D. Parr		FROM: General Electric San Jose, California 95125 L. J. Sobon		TOPICAL REPORT
				DATE OF DOCUMENT 09/23/77
				DATE RECEIVED 10/11/77
<input checked="" type="checkbox"/> LETTER	<input type="checkbox"/> NOTORIZED	PROP	INPUT FORM	NUMBER OF COPIES RECEIVED
<input checked="" type="checkbox"/> ORIGINAL	<input checked="" type="checkbox"/> UNCLASSIFIED			1 SIGNED
DESCRIPTION		ENCLOSURE		
jcm 11/18/77 1p 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 <u>50-410</u> LIMERICK 50-352/353 WPPS-2 50-397 BAILLY 50-367 SHOREHAM 50-322 LA SALLE 50-373/374		Consists of the Mark II Containment Report "COMPARISON OF THE 1/13 SCALE MARK II CONTAINMENT MULTIVENT POOL SWELL DATA WITH ANALYTICAL METHODS," NEDO-12667, August 1977... 1/2"		
		DIST. PER C. ANDERSON 11/17/77 40 ENCL / REPRD LTR'S		
FOR ACTION/INFORMATION				
INTERNAL DISTRIBUTION				
GENERAL FILES (2) w/9 Ltrs. for each Docket		LETTER ONLY		
(NRC-PDR)		R. DEYOUNG		
LPDR'S (7) See Note Above		D. VASSALLO		
TIC		K. KNIEL		
NSIC		O. PARR		
ACRS (16)		J. STOLZ		
I. SIHWELL (2)		R. TEDESCO		
G. LAINAS (7)		M. RUSHBROOK		
J. KNIGHT (3) 1		W. PIKE		
C. ANDERSON		S. VARGA		
I. PELTIER				
R. BIRKEL LTR				
LYNCH, MD LTR				
J. SNELL				
A. BOURNIA LTR				
W. KANE LTR				
S. MINER				
EXTERNAL DISTRIBUTION				CONTROL NUMBER
				773220038



GENERAL ELECTRIC

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

September 23, 1977

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

Attention: Mr. Olan D. Parr, Chief
Light Water Reactors Branch No. 3
Division of Project Management

Gentlemen:

SUBJECT: MARK II CONTAINMENT PROGRAM REPORT, "COMPARISON OF
THE 1/13 SCALE MARK II CONTAINMENT MULTIVENT POOL SWELL
DATA WITH ANALYTICAL METHODS," NEDO-21667, August 1977

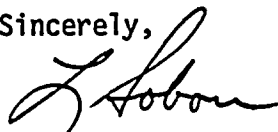
Reference: 1. DYNAMIC MODELING OF A MARK II PRESSURE SUPPRESSION
SYSTEM, EPRI NP-441, April 1977
2. General Electric Topical Report, NEDE-21544P, MARK
II PRESSURE SUPPRESSION CONTAINMENT SYSTEMS: AN
ANALYTICAL MODEL OF THE POOL SWELL PHENOMENON,
December 1976

Forty (40) copies of the subject report are being provided by General
Electric for the Mark II Owners Group for your review as part of the
Mark II Containment Supporting Program.

This report compares the results of the 1/13 scale Mark II multivent
tests conducted by EPRI (Reference 1) with predictions derived from the
application of the DFFR pool swell model (Reference 2).

Any questions regarding this report should be directed to L. H. Frauenholz,
the Mark II Containment Licensing Engineer, Telephone Number (408) 925-2623.

Sincerely,



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

LJS:slk

Enclosures: (40)

773220038

cc: H. C. Brinkman (Mark II Owners Group)
L. S. Gifford (GE, Bethesda)

S. Miner
R. L. Tedesco

REGULATORY DOCUMENT COPY
NUCLEAR ENERGY

SYSTEMS DIVISION
BWR PROJECTS DEPARTMENT
MEN 365-77

