

**NRC DISTRIBUTION FOR PART 50 DOCK MATERIAL**  
(TEMPORARY FORM)

CONTROL NO: 43  
FILE: \_\_\_\_\_

FROM: Niagara Mohawk Pwr Syracuse, NY RR Schneider			DATE OF DOC 12-30-75	DATE REC'D 1-5-76	LTR XXX	TWX	RPT	OTHER
TO: Mr Stolz			ORIG one signed	CC	OTHER	SENT NRC PDR <u>XX</u> SENT LOCAL PDR <u>XX</u>		
CLASS	UNCLASS XXXXXXXXXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-410		

**DESCRIPTION:**

Ltr re their 10/3-75 ltr.....furnishing info concerning  
mark II containment dynamic forcing functional  
report....which was forwarded to us by GE in late  
October of 1975.....w/attachmenss.....

**ENCLOSURES:**

PLANT NAME: Nine Mile Point #2

FOR ACTION/INFORMATION 1-7-76 ehf

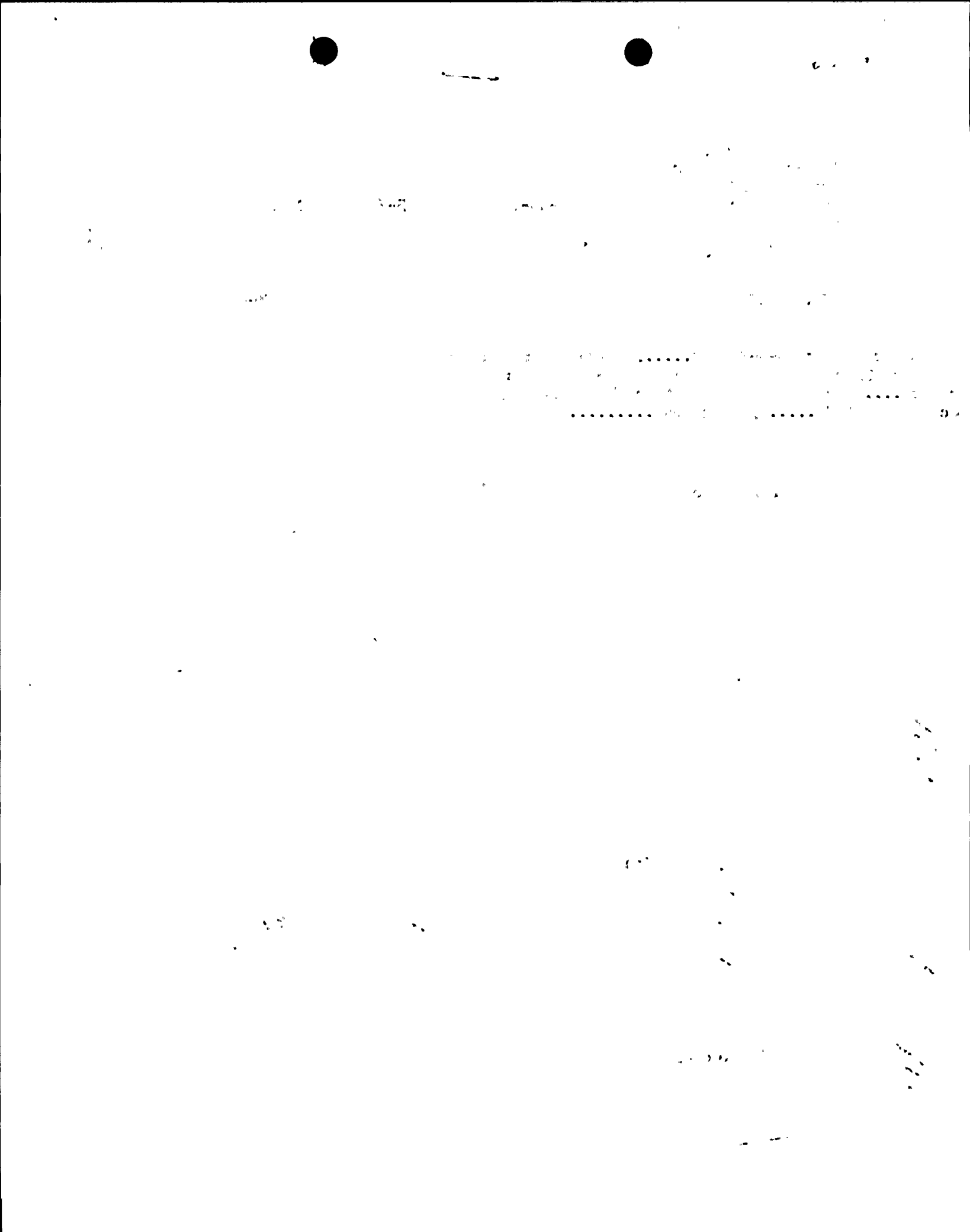
BUTLER (L) W/ Copies	SCHWENCER (L) W/ Copies	ZIEMANN (L) W/ Copies	REGAN (E) W/ Copies	REID (L) W/ COPIES
CLARK (L) W/ Copies	STOLZ (L) W/ Copies	DICKER (E) W/ Copies	LEAR (L) W/ Copies	
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KNIEL (L) W/ Copies	PURPLE (L) W/ Copies	YOUNGBLOOD (E) W/ Copies	LPH Kane W/ Copies	

**INTERNAL DISTRIBUTION**

<del>REG FILE</del>	TECH REVIEW	DENTON	LIC ASST	A/T IND.
<del>NRC PDR</del>	SCHROEDER	GRIMES	R. DIGGS (L)	BRAITMAN
<del>OGC, ROOM P-506A</del>	MACCARY	GAMMILL	H. GEARIN (L)	SALTZMAN
<del>GOSSICK/STAFF</del>	KNIGHT	KASTNER	E. GOULBOURNE (L)	MELTZ
<del>CASE</del>	PAWLICKI	BALLARD	P. KREUTZER (E)	
BOYD	SHAO	SPANGLER	J. LEE (L)	PLANS
MOORE (L)	STELLO	ENVIRO	M. RUJIBROOK (L)	MCDONALD
DEYOUNG (L)	HOUSTON	MULLER	S. REED (E)	CHAPMAN
SKOVHOLT (L)	NOVAK (3)	DICKER	M. SERVICE (L)	DUBE (Ltr)
GOLLER (L) (Ltr)	ROSS	KNIGHTON	S. SHEPPARD (L)	E. COUPE
P. COLLINS	IPPOLITO	YOUNGBLOOD	M. SLATER (E)	PETERSON
DENISE	TEDESCO	REGAN	H. SMITH (L) (3)	HARTFIELD (2)
REG OPR	J. COLLINS	PROJECT LDR	S. TEETS (L)	KLECKER
FILE & REGION (2)	LAINAS		G. WILLIAMS (E)	EISENHUT
MYPC	BENAROYA		V. WILSON (L)	WIGGINTON
	VOLLMER	WARLESS	R. INGRAM (L)	
			M. DURCAN (E)	K. PARRISH (L)

**EXTERNAL DISTRIBUTION**

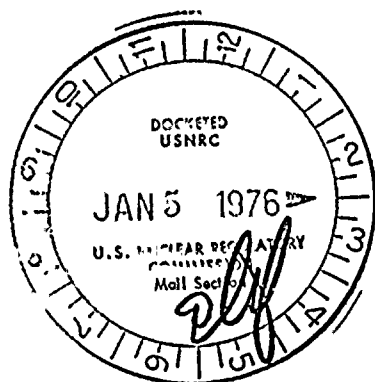
1 - LOCAL PDR Oswego, NY	1 - NATIONAL LABS	1 - PDR-SAN/LA/NY
1 - TIC (ABERNATHY) (1)(2)(10)	1 - W. PENNINGTON, Rm E-201 GT	1 - BROOKHAVEN NAT LAB
1 - NSIC (EUCHANAN)	1 - CONSULTANTS	1 - G. ULRIKSON ORNL
1 - ASLB	NEWMARK/BLUME/AGBABIAN	
1 - Newton Anderson		
16 - ACRS HOLDING/SENT TO LA Smith		



NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

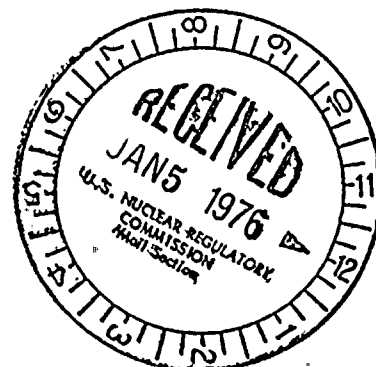
300 ERIE BOULEVARD WEST  
SYRACUSE, N. Y. 13202



December 30, 1975

Director of Nuclear Reactor Regulation  
Attention: Mr. J. F. Stolz, Chief  
Branch 2-1  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Re: Nine Mile Point - Unit 2  
Docket No. 50-410



Dear Mr. Stolz:

Our October 3, 1975, letter indicated that a report entitled "Mark II Containment Dynamic Forcing Functions Report" (DFFR) would be forwarded to you by the General Electric Company by late October, 1975. That report, consisting of NEDO-21061 and NEDE-21061P, was forwarded via an October 24, 1975 letter from Mr. I. F. Stuart, (General Electric), to Mr. R. S. Boyd, (Commission).

The report contains descriptions of phenomena to be used as a design basis for the Nine Mile Point Unit 2 containment. Specific load combinations for the Unit 2 containment are attached. This data supplements Table 5.2-1 of the DFFR. This completes the requirements for Part 1 of the Program and Schedule, enclosed with our June 20, 1975 letter.

The Nine Mile Point Unit 2 containment will be evaluated based on the DFFR and the attached table. The results of this evaluation will be submitted in June, 1976, in accordance with Part 3 of our Program and Schedule.



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In addition, Part 2 of our Program and Schedule indicated that information pertaining to pool temperature considerations would be provided by December, 1975. Due to additional supporting work required, however, we will be unable to meet that date. Portions of this information will be provided in June, 1976, with the balance included in the Final Safety Analysis Report.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION



R. R. Schneider

Vice President - Electric Operations

plb

Attachment



NINE MILE POINT UNIT 2  
TABLE 5.2-1

Load Combination for the Nine Mile Point 2  
Containment Considering Hydrodynamic Loads

<u>EQN.</u>	<u>LOAD. COND.</u>	<u>D</u>	<u>L</u>	<u>F</u>	<u>P<sub>O</sub></u>	<u>T<sub>O</sub></u>	<u>R<sub>O</sub></u>	<u>E<sub>O</sub></u>	<u>E<sub>SS</sub></u>	<u>P<sub>B</sub></u>	<u>P<sub>A</sub></u>	<u>T<sub>A</sub></u>	<u>R<sub>A</sub></u>	<u>R<sub>r</sub></u>	<u>SRV</u>
1	Normal w/o Temp.	1.4	1.7	1.0	1.0	-	-	-	-	-	-	-	-	-	1.5
2	Normal w/ Temp.	1.0	1.3	1.0	1.0	1.0	1.0	-	-	-	-	-	-	-	1.3
3	Normal Sev. Env.	1.0	1.0	1.0	1.0	1.0	1.0	1.25	-	-	-	-	-	-	1.25
4	Abnormal	1.0	1.0	1.0	-	-	-	-	-	1.25	-	1.0	1.0	-	1.25
4a	Abnormal	1.0	1.0	1.0	-	-	-	-	-	-	1.25	1.0	1.0	-	1.0*
5	Abnormal Sev. Env.	1.0	1.0	1.0	-	-	-	1.1	-	1.1	-	1.0	1.0	-	1.1
5a	Abnormal Sev. Env.	1.0	1.0	1.0	-	-	-	1.1	-	-	1.1	1.1	1.1	-	1.0*
6	Normal Ext. Env.	1.0	1.0	1.0	1.0	1.0	1.0	-	1.0	-	-	-	-	-	1.0
7	Abnormal Ext. Env.	1.0	1.0	1.0	-	-	-	-	1.0	1.0	-	1.0	1.0	1.0	1.0
7a	Abnormal Ext. Env.	1.0	1.0	1.0	-	-	-	-	1.0	-	1.0	1.0	1.0	1.0	1.0*

Load Description

Sev. Env.	=	Severe Environment	E <sub>O</sub>	=	Operating-Basis Earthquake
Ext. Env.	=	Extreme Environment	E <sub>SS</sub>	=	Safe Shutdown Earthquake
D	=	Dead Loads	P <sub>B</sub>	=	SBA or IBA Pressure Load
L	=	Live Loads	P <sub>A</sub>	=	DBA (LOCA) Pressure Load
F	=	Prestressing Loads	T <sub>A</sub>	=	Pipe Break Temperature Load
P <sub>O</sub>	=	Operating Pressure Loads	R <sub>A</sub>	=	Pipe Break Temperature Reaction Loads
T <sub>O</sub>	=	Operating Temperature Loads	R <sub>r</sub>	=	Reaction and jet forces associated with the pipe break
R <sub>O</sub>	=	Operating Pipe Reactions	SRV	=	Safety/Relief Valve Loads

\* In these combinations the SRV load is that associated with the discharge of one valve simultaneously with the LOCA to satisfy the single failure criterion.

