

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL**  
(TEMPORARY FORM)

8642

CONTROL NO: \_\_\_\_\_

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FROM: Niagara Mohawk Power Corporation Syracuse, N.Y. 13202 Mr. R.R. Schneider			DATE OF DOC  11-30-73	DATE REC'D  12-4-73	LTR  X	MEMO	RPT	OTHER
TO:  A. Giambusso			ORIG  1 signed	CC	OTHER	SENT AEC PDR XXX SENT LOCAL PDR XXX		
CLASS	UNCLASS  XXX	PROP INFO	INPUT	NO CYS REC'D  1		DOCKET NO:  50-220		

DESCRIPTION:  
Ltr re our 10-19-73 ltr....concerning reanalyses of the anticipated transients with scram, adv that this study has been initiated and will be submitted by 10-1-74, as requested in our ltr.

ENCLOSURES:

**ACKNOWLEDGED**

**DO NOT REMOVE**

PLANT NAME: Nine Mile Point

FOR ACTION/INFORMATION

12-5-73

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**INTERNAL DISTRIBUTION**

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✓ AEC PDR	✓ HENDRIE	GRIMES		BRAITMAN
OGC, ROOM P-506A	SCHROEDER	GAMMILL	✓ DIGGS (L)	SALTZMAN
MUNIZING/STAFF	MACCARY	KASTNER	GEARIN (L)	B. HURT
CASE	KNIGHT	BALLARD	GOULBOURNE (L)	<u>PLANS</u>
✓ GIAMBUSO	PAWLICKI	SPANGLER	LEE (L)	✓ MCDONALD
BOYD	SHAO		MAIGRET (L)	DUBE
MOORE (L)(BWR)	STELLO	<u>ENVIRO</u>	SERVICE (L)	<u>INFO</u>
DEYOUNG(L)(FWR)	HOUSTON	MULLER	SHEPPARD (E)	C. MILES
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	IPPOLITO	YOUNGBLOOD	WADE (E)	
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FILE & REGION(3)	LONG	PROJECT LDR	WILSON (L)	
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**EXTERNAL DISTRIBUTION**

✓ 1 - LOCAL PDR <u>Oswego, N.Y.</u>	(1) (2X10) NATIONAL LAB'S	1-PDR-SAN/LA/NY
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1 - NSIC(BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	BROOKHAVEN NAT. LAB
1 - ASLB(YORE/SAYRE/	1-CONSULTANT'S	1-AGMED(Ruth Gussman)
WOODARD/"H" ST.	NEWMARK/BLUME/AGBABIAN	RM-B-127, GT.
16 - CYS ACRS HOLDING	1-GERALD MULLERSON...ORNL	1-RD..MULLER..F-309 GT

1. The first part of the report

describes the general situation

and the results of the survey

in the following table

the data are as follows

Table 1

The following table shows the results of the survey in the different parts of the country. The first column shows the number of cases, the second column the percentage of the total number of cases, and the third column the percentage of the total number of cases in the different parts of the country.

Table 2

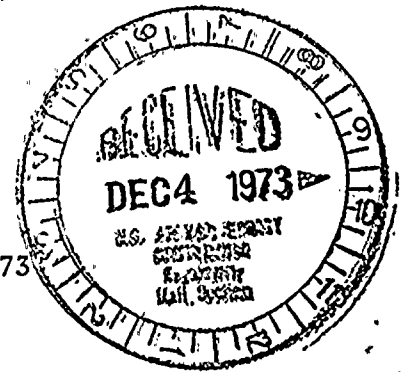
Table 3

Table 4

## NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK300 ERIE BOULEVARD WEST  
SYRACUSE, N. Y. 13202

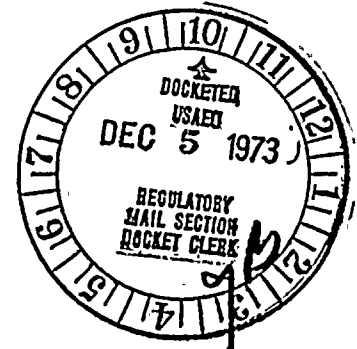
November 30, 1973



Mr. A. Giambusso  
Deputy Director for Reactor Projects  
Directorate of Licensing  
U. S. Atomic Energy Commission  
Washington, D. C. 20545

Dear Mr. Giambusso:

Re: Nine Mile Point Unit 1  
Docket No. 50-220



Our application for conversion of Provisional Operating License No. DPR-17 to a full-term operating license included an analysis of the capability of Nine Mile Point Unit 1 to accommodate anticipated transients without scram. Since the time of that submittal, certain changes have taken place which affect the analysis of these transients and other anticipated transients.

The attachment to your letter of October 19, 1973 included assumptions and criteria to be used in the analysis of transients without scram. The analysis which was included in our previous submittal showed that for the worst case during anticipated transients without scram, containment pressure could reach 45 psig. This exceeds the design pressure of the suppression chamber. The attachment to your letter of October 19, 1973 specified containment design pressure as the acceptable limit.

The previous analyses of other transients which include scram were performed assuming no tripping of the recirculation pumps. Preliminary investigations indicate that incorporation of a tripping of the pumps on high reactor pressure aggravates these transients.

...See Page 2

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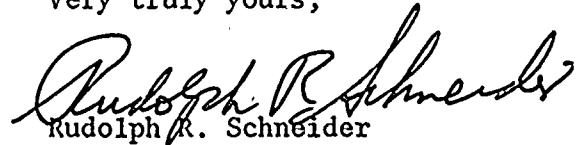


Mr. A. Giambusso

November 30, 1973

Because of the changes to the analyses as described above, Niagara Mohawk considers that the addition of the recirculation pump trip is not justified until reanalyses of anticipated transients without scram and other transients are completed. Therefore, the trip of the recirculation pumps on high reactor pressure is being deleted from the protection system circuitry. The reanalyses of the anticipated transients without scram have been initiated and will be submitted by October 1, 1974 as requested in the attachment to your letter.

Very truly yours,



Rudolph R. Schneider

Vice President - Electric Operations

CVM/sz



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