

50-220

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FILE NUMBER

TO: Mr. George Lear

FROM: Niagara Mohawk Power Corp.  
Syracuse, N. Y. 13202  
Gerald K. Rhode

DATE OF DOCUMENT  
04-11-77

DATE RECEIVED  
04-19-77

LETTER  
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DESCRIPTION

Ltr. Ref. 61-14-77 ltr...Advising evaluation has been completed concerning spray cooling coefficient margins characteristic to the core spray system and that system is substantial and do not require further quantification....

( 1 page )

PLANT NAME: NINE MILE POINT UNIT # 1  
jcm

ENCLOSURE

**ACKNOWLEDGED  
DO NOT REMOVE**

SAFETY

FOR ACTION/INFORMATION

ENVIRO

ASSIGNED AD:		ASSIGNED AD:
BRANCH CHIEF: (6)	<b>LEAR</b>	BRANCH CHIEF:
PROJECT MANAGER:	<b>Nowicki</b>	PROJECT MANAGER:
LIC. ASST. :	<b>PARRISH</b>	LIC. ASST. :

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY &
<input checked="" type="checkbox"/> NRC PDR	HEINEMAN	TEDESCO	ENVIRO ANALYSIS
<input checked="" type="checkbox"/> I & E (2)	SCHROEDER	BENAROYA	DENTON & MULLER
OELD		LAINAS	
GOSSICK & STAFF	ENGINEERING	IPPOLITO	ENVIRO TECH.
MIPC	MACARRY	KIRKWOOD	ERNST
CASE	BOSNAK		BALLARD
HANAUER	SIHWEIL	OPERATING REACTORS	SPANGLER
HARLESS	PAWLICKI	STELLO	
PROJECT MANAGEMENT	REACTOR SAFETY	OPERATING TECH.	SITE TECH.
BOYD	ROSS	EISENHUT	GAMMILL
P. COLLINS	NOVAK	SHAO	STEPP
HOUSTON	ROSZTOCZY	BAER	HULMAN
PETERSON	CHECK	BUTLER	SITE ANALYSIS
MELTZ		GRIMES	VOLLMER
HELTEMES	AT & I		BUNCH
SKOVHOLT	SALTZMAN		J. COLLINS
	RUTBERG		KREGER

EXTERNAL DISTRIBUTION

CONTROL NUMBER

<input checked="" type="checkbox"/> LPDR: Oswego, N.Y.	NAT. LAB:	BROOKHAVEN-NAT. LAB.	<b>7710004</b>
<input checked="" type="checkbox"/> TIC:	REG V. IE	ULRIKSON (ORNL)	
<input checked="" type="checkbox"/> NSIC:	LA PDR		
<input checked="" type="checkbox"/> ASLB:	CONSULTANTS:		
<input checked="" type="checkbox"/> ACRS / 6 CYS HOLDING SENT	<b>13 CAT. B</b>		

MEMORANDUM FOR THE DIRECTOR  
FROM: SAC, NEW YORK  
SUBJECT: [Illegible]

NY 100-100000

[Illegible handwritten notes]

[Illegible typed text]

I T T T

Regulatory

File Cy.

NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

300 ERIE BOULEVARD, WEST  
SYRACUSE, N. Y. 13202



April 11, 1977

Director of Nuclear Reactor Regulation  
Attention: Mr. George Lear, Chief  
Operating Reactors  
Branch #3

U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Regulatory

File Cy.

Re: Nine Mile Point Unit 1  
Docket No. 50-220  
DPR-63

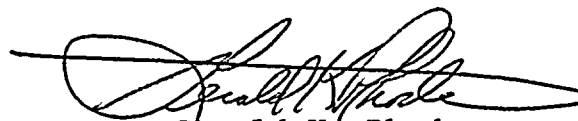
Dear Mr. Lear:

In a January 14, 1977 letter, Niagara Mohawk provided justification for core spray cooling coefficients used for emergency core cooling analysis for Nine Mile Point Unit 1. In that letter, it was stated that Niagara Mohawk would evaluate the need to more precisely quantify the margins inherent in our core spray system.

This evaluation has been completed. Based upon information provided in the January 14, 1977 letter, it has been determined that the spray cooling coefficient margins characteristic to the core spray system are substantial and do not require further quantification. Therefore, Niagara Mohawk does not plan to do additional analyses and/or tests to further support core spray cooling coefficients currently assumed in Nine Mile Point Unit 1 emergency core cooling analyses.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION



Gerald K. Rhode  
Vice President - Engineering

WRD/sz

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