

50-220

FILE NUMBER

***NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL**

TC:

Mr. George Lear

FROM:

Niagara Mohawk Power Corp.
Syracuse, New York
Donald P. Dise

DATE OF DOCUMENT 10/10/68

11/1/77

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DESCRIPTION

Re 10-27-77 meeting

Consists of information concerning relief valve actuation for Nine Mile Point Unit No. 1

ENCLOSURE

PLANT NAME : Nine Mile Point Unit No. 1
RJL 11/7/77 (2-P)

SAFETY

FOR ACTION/INFORMATION

ENVIRONMENTAL

ASSIGNED AD:	
BRANCH CHIEF: (7)	LEAR
PROJECT MANAGER:	
LIC. ASST:	

ASSIGNED AD: V. MOORE (LTR)

BRANCH CHIEF:

PROJECT MANAGER:

LIC. ASST:

B. HARLESS

INTERNAL DISTRIBUTION

X	REG FILES		SYSTEMS SAFETY		PLANT SYSTEMS		SITE SAFETY &
X	NRC PDR		R. MATTSO	X	TEDESCO		ENVIRON ANALYSIS
X	I & E (2)		SCHROEDER		BENAROYA		DENTON & MULLER
X	OELD			X	IATNAS		CRUTCHFIELD
	GOSSICK & STAFF		ENGINEERING		IPPOLITO		
	HANAUER	X	KNIGHT		E. ROSA		ENVIRON TECH
	MIPC		BOSNAK				ERNST
X	CASE	X	SIHWEIL		OPERATING REACTORS		BALLARD
X	ROYD		PAWLICKI		STELLO		YOUNGBLOOD
X	DeYoung			X	EISENHUT		
	PROJECT MANAGEMENT		REACTOR SAFETY	X	SHAO		SITE TECH
	SKOVHOLT		ROSS	X	BAER		GAMMILL (2)
	P. COLLINS		NOVAK	X	BUTLER (2)		
	HOUSTON		ROSZTOCZY		GRIMES		SITE ANALYSIS
	MELTZ		CHECK				VOLLMER
	HELTENES						BUNCH
	SK		AT & I				J. COLLINS
			SALTZMAN				KREGER
X	Guibert		RUTBERG				

EXTERNAL DISTRIBUTION

CONTROL NUMBER

LPDR: Oswego, N.Y.	NAT LAB:
TIC	
NSIC	
REG V (J. HANCHETT)	
16 CYS SENT CATEGORY	TO ACBS

773110107

REGULATORY DOCKET FILE COPY

NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

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

November 1, 1977

Director, Nuclear Reactor Regulation
Attn: Mr. George Lear, Chief
Operating Reactors
Branch #3
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555



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

Gentlemen:

On October 18, 1977 Niagara Mohawk notified the Office of Inspection and Enforcement, Region I, of a potentially reportable condition relating to relief valve actuation for Nine Mile Point Unit 1. Since then a meeting was held on October 27, 1977 with members of the Nuclear Regulatory Commission and the Mark I Owners Group in Bethesda, Maryland. The purpose of that meeting was to discuss the effects on the Mark I containment.

General Electric has made a survey of operating experience which indicates that many isolation events (greater than 100) have occurred both during normal operation and start up tests. The survey showed that in only two (2) cases has greater than one (1) valve experienced 2nd actuation. No evidence of detrimental effects on the suppression chamber have been observed.

General Electric's analysis for Nine Mile Point Unit 1 showed that there is no safety concern even if three (3) valves experience a second actuation. The Mark I Containment Short Term Program acceptance criteria strength ratio of 0.5 was used as a guideline. The strength ratio for the highest stressed portion of the suppression chamber support structure (inner column) was 0.2. In addition, the shell stress was only 3.73 ksi.

773110107



Mr. George Lear
U. S. Nuclear Regulatory Commission

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November 1, 1977

Continued operation of Nine Mile Point Unit 1 is justified throughout the duration of the Long Term Program. Such operation will not result in undue risk to the health and safety of the public.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION



Donald P. Dise
Vice President-Engineering

MGM/szd

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