

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

TO:  Mr. George Lear	FROM: Niagara Mohawk Power Corp. Syracuse, New York Donald P. Dise	DATE OF DOCUMENT: 11/1/77
		DATE RECEIVED 11/4/77

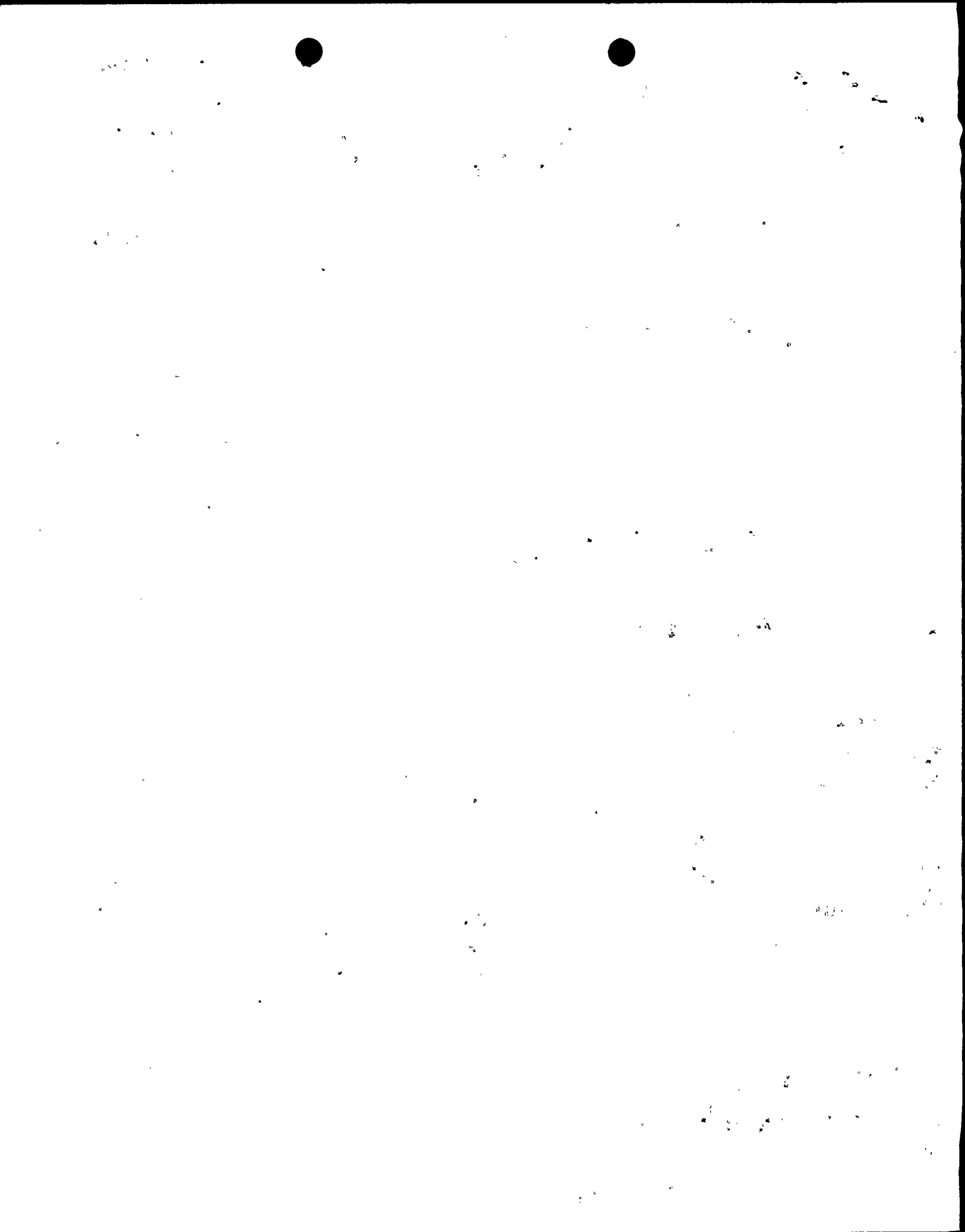
<input checked="" type="checkbox"/> LETTER <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> COPY	<input type="checkbox"/> NOTORIZED <input checked="" type="checkbox"/> UNCLASSIFIED	PROP	INPUT FORM	NUMBER OF COPIES RECEIVED <b>1 signed</b>
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DESCRIPTION <i>re 10-27-77 meeting</i>  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: <input checked="" type="checkbox"/> BRANCH CHIEF: <b>(1) Lear</b>		ASSIGNED AD: V. MOORE (LTR)
PROJECT MANAGER:		PROJECT MANAGER:
LIC. ASST:		LIC. ASST:
		B. HARLESS

INTERNAL DISTRIBUTION			
<input checked="" type="checkbox"/> REG FILES	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY &
<input checked="" type="checkbox"/> NRC PDR	R. MATTSON	<input checked="" type="checkbox"/> TEDESCO	ENVIRON ANALYSIS
<input checked="" type="checkbox"/> I & E <b>(2)</b>	SCHROEDER	<input checked="" type="checkbox"/> BENAROYA	DENTON & MULLER
<input checked="" type="checkbox"/> OELD		<input checked="" type="checkbox"/> LATNAS	CRUTCHFIELD
<input checked="" type="checkbox"/> GOSSICK & STAFF	ENGINEERING	IPPOLITO	
HANAUER	<input checked="" type="checkbox"/> KNIGHT	F. ROSA	ENVIRON TECH
MTPC	BOSNAK		ERNST
<input checked="" type="checkbox"/> CASE	<input checked="" type="checkbox"/> SIHWELL	OPERATING REACTORS	BALLARD
<input checked="" type="checkbox"/> ROYD	PAWLICKI	STELLO	YOUNGBLOOD
<input checked="" type="checkbox"/> <b>DeYoung</b>		<input checked="" type="checkbox"/> EISENHUT	
PROJECT MANAGEMENT	REACTOR SAFETY	<input checked="" type="checkbox"/> SHAO	SITE TECH
SKOVHOLT	ROSS	<input checked="" type="checkbox"/> BAER	GAMMILL <b>(2)</b>
P. COLLINS	NOVAK	<input checked="" type="checkbox"/> BUTLER <b>(2)</b>	
HOUSTON	ROSZTOCZY	GRIMES.	SITE ANALYSIS
MELTZ	CHECK		VOLLMER
HELTEMES			BUNCH
SK	AT & I		J. COLLINS
<input checked="" type="checkbox"/> <b>Guibert</b>	SALTZMAN		KREGER
	RUTBERG		

EXTERNAL DISTRIBUTION	CONTROL NUMBER
<input checked="" type="checkbox"/> LPDR: <b>Oswego, N.Y.</b>	773110107
<input checked="" type="checkbox"/> TIC	
<input checked="" type="checkbox"/> NSIC	
<input checked="" type="checkbox"/> REG V (J. HANCHETT)	
<input checked="" type="checkbox"/> 16 CYS SENT CATEGORY <b>B TO ACRS</b>	



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.

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Mr. George Lear  
U. S. Nuclear Regulatory Commission

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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

RECEIVED DOCUMENT  
PROCESSING UNIT

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