

56-220

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TO: MR GEORGE LEAR

FROM: NIAGARA MOHAWK POWER CORP  
SYRACUSE, NY  
R R SCHNEIDER

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## DESCRIPTION

LTR REF THEIR 7-30-76 LTR.....TRANS THE  
FOLLOWING.....

## ENCLOSURE

FURN REPLACEMENT PAGES 17 AND 71 FOR THE  
PLANT UNIQUE ANALYSIS REPORT FOR TORUS SUPPORT  
SYSTEM AND ATTACHED PIPING FOR NINE MILE POINT  
DATED 7-30-76.....ACKNOWLEDGED  
DO NOT REMOVE

PLANT NAME: Nine mile Point

## SAFETY

## FOR ACTION/INFORMATION

## ENVIRO

9-14-76 RB

ASSIGNED AD:

BRANCH CHIEF:

PROJECT MANAGER:

LIC. ASST.:

(6)

LEAR

(17)

PARRISH

ASSIGNED AD:

BRANCH CHIEF:

PROJECT MANAGER:

LIC. ASST.:

## INTERNAL DISTRIBUTION

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IPPOLITO

KIRKWOOD

OPERATING REACTORS

STELLO

SITE SAFETY &amp;

ENVIRO ANALYSIS

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9149

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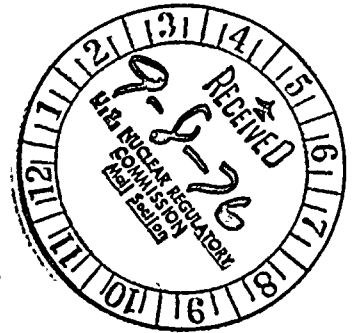
NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

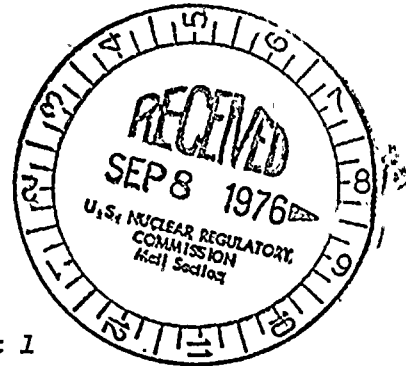
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SYRACUSE, N. Y. 13202

**Regulatory Docket File**

September 2, 1976



Director of 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

Dear Mr. Lear:

Our letter of July 30, 1976 transmitted a report entitled "Plant Unique Analysis Report for Torus Support System and Attached Piping for Nine Mile Point Nuclear Power Station." Attached are replacements for pages 17 and 71 which supply corrected or missing information. These changes are denoted by vertical marginal markings.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

R. R. SCHNEIDER

Vice President - Electric Production

/sz

Attachment

9149



Technical Report  
TR-2271(a)

-17-

TABLE 2.0  
PIPING SYSTEMS

<u>System</u>	<u>Quantity</u>	<u>Diameter (In.)</u>	<u>Thickness (In.)</u>
Containment Spray Pump Suction	4	12	.375
Core Spray Pump Suction	4	12	.375
Torus Spray Header	2	4	.237
Containment Spray Test	1	6	.125
Vacuum Breakers	4	30	.500
Core Spray Testline	2	6	.125
Suppression Vessel Air Vent and Fill	1	20	.375
Condensate Makeup	1	8	.125
Suppression Vessel N <sub>2</sub> Vent and Fill	1	20	.375



TABLE 11  
VITAL PIPING SYSTEMS

PIPING SYSTEM EVALUATED	STRESS VALUE (ksi)	
	CALCULATED	ALLOWED
CONTAINMENT SPRAY PUMP SUCTION	21.4	45.0
CORE SPRAY PUMP SUCTION	11.2	45.0
TORUS SPRAY HEADER SUPPLY	8.0	45.0
VACUUM BREAKER LINES	6.0	45.0

TABLE 12  
NON-VITAL PIPING SYSTEMS

PIPING SYSTEM EVALUATED	STRESS VALUES (ksi)	
	CALCULATED	ALLOWED
CORE SPRAY TESTLINE	3.8	75.0
CONDENSATE MAKEUP	28.1	75.0
CONTAINMENT SPRAY TEST	43.6	75.0
Suppression Vessel Air Vent and Fill	15.7	75.0
Suppression Vessel N <sub>2</sub> Vent and Fill	68.2	75.0

