

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

CONTROL NO: 1356

FILE: _____

FROM: Niagara Mohawk Power Corporation Syracuse, N.Y. 13202 Philip D. Raymond		DATE OF DOC 2-15-74	DATE REC'D 2-20-74	LTR X	MEMO	RPT	OTHER
TO: D.L. Ziemann		ORIG 1 signed	CC	OTHER	SENT AEC PDR XXX SENT LOCAL PDR XXX		
CLASS	UNCLASS XXX	PROP INFO	INPUT XXX	NO CYS REC'D 40	DOCKET NO: 50-220		

DESCRIPTION:
Ltr re our 12-19-73 ltr...trans the following...

ENCLOSURES:
Proposed changes to tech specs.

ACKNOWLEDGED

(40 cys encl rec'd)

DO NOT REMOVE

PLANT NAME: Nine Mile Point #1

FOR ACTION/INFORMATION

2-20-74

JB

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INTERNAL DISTRIBUTION

<u>REG FILE</u> ✓ AEC PDR ✓ OGC, ROOM P-506A ✓ MUNTZING/STAFF CASE GIAMBUSSO BOYD MOORE (L)(BWR) DEYOUNG(L)(FWR) ✓ SKOVHOLT (L) P. COLLINS DENISE ✓ REG OPR FILE & REGION(2) MORRIS STEELE	<u>TECH REVIEW</u> HENDRIE SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLLMER	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER <u>ENVIRO</u> MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS	<u>LIC ASST</u> ✓ DIGGS (L) GEARIN (L) GOULBOURNE (L) LEE (L) MAIGRET (L) SERVICE (L) SHEPPARD (E) SMITH (L) TEETS (L) WADE (E) WILLIAMS (E) WILSON (L) S. REED (L)	<u>A/T IND</u> BRAITMAN SALTZMAN B. HURT <u>PLANS</u> MCDONALD ✓ DUBE w/Input <u>INFO</u> C. MILES B. KING ✓ A. Cabell
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EXTERNAL DISTRIBUTION

✓ 1 - LOCAL PDR Oswego, N.Y.	(1) (2X10)-NATIONAL LAB'S	1-PDR-SAN/LA/NY
✓ 1 - DTIE(ABERNATHY)	1-ASLBP(E/W Bldg, Rm 529)	1-GERALD LELLOUCHE
✓ 1 - NSIC(BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	BROOKHAVEN NAT. LAB
1 - ASLB(YORE/SAYRE/ WOODARD/"H" ST.	1-CONSULTANT'S	1-AGMED(Ruth Gussman)
✓ 16 - CYS ACRS HOLDING Sent to Diggs	NEWMARK/BLUME/AGBABIAN	RM-B-127, GT.
	1-GERALD ULRIKSON...ORNL	1-RD..MULLER..F-309 GT

2-20-74

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1 R/S*

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Regulatory

File 012

NIAGARA MOHAWK POWER CORPORATION

NIAGARA



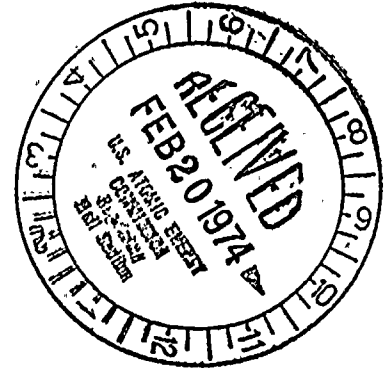
MOHAWK

300 ERIE BOULEVARD WEST
SYRACUSE, N. Y. 13202

February 15, 1974

40cys

Mr. Dennis L. Ziemann
Chief, Operating Reactors Branch #2
Directorate of Licensing
United States Atomic Energy Commission
Washington, D. C. 20545



Dear Mr. Ziemann:

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

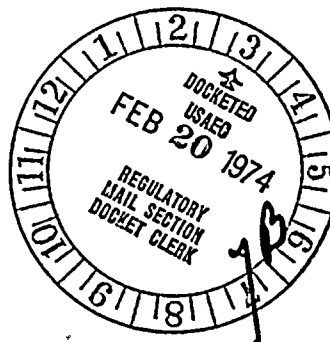
In response to your letter of December 19, 1973, a proposed Technical Specification for the maintenance of pressure suppression chamber integrity at Nine Mile Point Unit 1 is attached. This Specification includes a Limiting Condition for Operation, a Surveillance Requirement, and Bases.

We have been advised that the general subject of containment surveillance has been placed on the agenda of the Subcommittee for Metal Containment, Subsection NE, Section III, ASME Boiler and Pressure Vessel Code. Accordingly, the attached Specification should be considered an interim requirement which may be amended to reflect applicable ASME Code requirements if and when they are formulated.

Very truly yours,

Philip D. Raymond
Vice President - Engineering

CVM/sjz
Attachment



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3.3.8 Pressure Suppression Chamber Integrity

Applicability:

Applies to the overall integrity of the pressure suppression chamber.

Objective:

To assure that the pressure suppression chamber is capable of limiting radiation exposure to the public to the values specified in 10 CFR 100, and to monitor the dynamic effects on the pressure suppression chamber of relief valve blowdowns into the chamber water.

Specification:

Whenever the reactor coolant system temperature is above 215 F, the pressure suppression chamber integrity shall be maintained and chamber wall thickness shall be greater than 0.420 inches.

4.3.8 Pressure Suppression Chamber Integrity

Applicability:

Applies to the periodic inspection of the pressure suppression system.

Objective:

To assure that the pressure suppression chamber integrity is within the specified limits.

Specification:

- a. Once each operating cycle during the major refueling outage, five (5) preselected areas of the suppression chamber wall shall be ultrasonically examined for section thickness.
- b. A visual inspection of the suppression chamber interior, including water line regions and supports shall be made at each major refueling outage.

BASES

The values specified for minimum wall thickness of the pressure suppression chamber have been established based upon the design of the pressure suppression chamber in conformance with Section III, Class B of the ASME Code. The design specification allows a 1/16 inch corrosion allowance to the unpainted interior surface of the chamber. Thus with a design thickness of 0.3975 inch the corrosion allowance increases the thickness to 0.460 inch. However, manufacturing increases the thickness to a nominal 0.500 inch allowing 0.1025 inch greater than design. The limit of 0.420 inch provides a margin over the design thickness and assures suppression chamber integrity.

BASES, Continued

The inspection frequency as established is conservative based on the observed change in thickness as determined from 1972 measurements to 1973 measurements in which there was no perceptible change after more than 20 individual relief valve operations.

To determine the status of the pressure suppression system, a visual inspection of the suppression chamber interior surfaces and structure, with water at its normal elevation, will be made at each major refueling outage. This inspection will assure that any gross defects are detected.

