

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

CONTROL NO: 5161

FILE

FROM: Niagara Mohawk Power Corp. Syracuse, N.Y. 13202 T.J. Brosnan	DATE OF DOC: 9-15-72	DATE REC'D 9-19-72	LTR X	MEMO	RPT	OTHER
TO: Mr. Donald J. Skovholt	ORIG 1 signed	CC	OTHER	SENT AEC PDR ✓ SENT LOCAL PDR ✓		
CLASS: <b>U</b> /PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-220			
DESCRIPTION: Ltr trans the following: *PLEASE CIRCULATE-INSUFFICIENT CYS FOR FULL DISTRIBUTION		ENCLOSURES: Primary & Secondary Containment Leak Rate Test Report for Nine Mile Pt. Station Unit I dtd May 1972.....  (40 cys encl rec'd)				
PLANT NAMES: Nine Mile Pt. Station		<b>DO NOT REMOVE</b> <b>ACKNOWLEDGED</b>				

FOR ACTION/INFORMATION

DL 9-19-72

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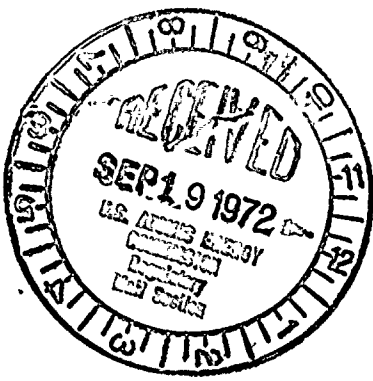
REG FILE	TECH REVIEW	VOLLMER	HARLESS	WADE	E
AEC PDR	HENDRIE	DENTON		SHAFFER	F & M
LOGC, ROOM P-506A	SCHROEDER	GRIMES	F & M	BROWN	E
MUNIZING/STAFF	MACCARY (LTR)	GAMMILL	SMILEY	G. WILLIAMS	E
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	THOMPSON	DICKER	KARI L	MCDONALD	
REG OPR	TEDESCO (LTR)	KNIGHTON	SMITH L	DUBE	
FILE & REGION (2)	LONG	YOUNGBLOOD	GEARIN L		
MORRIS	AINAS	PROJECT LEADER	DIGGS L	INFO	
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WOODWARD/H. ST.	NEWMARK/BLUME/AGABIAN	IDAHO(50-331 Only)
16-CYS ACRS HOLDING		1-RD...MULLER...F-309GT

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... CONFIDENTIAL ...



NIAGARA MOHAWK POWER CORPORATION



300 ERIE BOULEVARD WEST  
SYRACUSE, N.Y. 13202

Regulatory

File Cy

September 15, 1972

Mr. Donald J. Skovholt  
Assistant Director for Reactor Operations  
Division of Reactor Licensing  
United States Atomic Energy Commission  
Washington, D. C. 20545



Dear Mr. Skovholt:

Re: Interim Operating License: DPR-17  
Docket No.: 50-220

We are forwarding you under separate cover, forty (40) copies of the summary reports of the Primary Containment Integrated Leak Rate Test and the Secondary Containment Integrated Leak Rate Test as conducted following the Poison Curtain Removal Outage at Nine Mile Point, Unit #1, Nuclear Station this spring. These reports should comply with the requirements under paragraph 4.3.3 of the Technical Specifications.

During the initial integrated leak test, performed prior to initial fuel loading, an allowable operational leak rate  $L_{to}(22)$  was established as 0.87% of the contained volume in 24 hours at 22 psig. However, with the increase in station rated power, the maximum allowable leak rate of 1.6 weight percent of contained air at 35 psig was changed to 1.5 weight percent reducing the allowable operational leak rate ( $L_{to}(22)$ ) to 0.81% of the contained volume in 24 hours at 22 psig.

Since the measured test leak rate at 22 psig was only 0.66%, the containment integrity is within Technical Specifications. Inspection of the summary report for the Secondary Containment Integrated Leak Rate Test reveals that with the required differential pressure between the building atmosphere and the outside, the amount of leakage is well within the limits.

Very truly yours,

*T. J. Brosnan*  
T. J. Brosnan  
Vice President and  
Chief Engineer

5161  
*RW*

