

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: 4268

FROM: Niagara Mohawk Power Corporation Syracuse, N. Y. 13202 F. J. Schneider		DATE OF DOC: 8-1-72	DATE REC'D 8-4-72	LTR X	MEMO	RPT	OTHER
TO: Mr. Skovholt		ORIG 1	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS: <u>U</u> PROP INFO		INPUT	NO CYS REC'D 40		DOCKET NO: 50-220		

DESCRIPTION:  
Ltr reporting an incident on 7-27-72,  
regarding an increasing recirculation system  
valve packing leakage within the drywell.....

ENCLOSURES:

**DO NOT REMOVE  
ACKNOWLEDGED**

PLANT NAMES: Nine Mile

FOR ACTION/INFORMATION			8-4-72	AB
BUTLER(L)	KNIEL(L)	VASSALLO(L)	✓ ZIEMANN(L)	KNIGHTON(ENVIRO)
W/ Copies	W/ Copies	W/ Copies	W/ 9 Copies	W/ Copies
CLARK(L)	SCHWENCER(L)	H. DENTON	CHITWOOD(FM)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies	W/ Copies
GOLLER(L)	STOLZ(L)	SCHEMEL(L)	DICKER(ENVIRO)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies	W/ Copies

INTERNAL DISTRIBUTION

<u>REG FILE</u>	<u>TECH REVIEW</u>	<u>VOLLMER</u>	<u>HARLESS</u>	<u>WADE</u>
✓ AEC PDR	✓ HENDRIE	✓ DENTON (4)		SHAFFER
✓ OGC, ROOM P-506A	✓ SCHROEDER	GRIMES	F & M	BROWN
✓ MUNTZING/STAFF	✓ MACCARY	GAMMILL	SMILEY	
✓ CASE	LANGE	KASTNER	NUSSBAUMER	A/T IND
GIAMBUSSO	PAWLICKI	BALLARD		BRAITMAN
✓ BOYD-L(BWR)	SHAO	FINE	LIC ASST.	SALTZMAN
DEYOUNG-L(PWR)	✓ KNUTH	ENVIRO	SERVICE	
✓ SKOVHOLT-L	✓ STELLO	MULLER	MASON	PLANS
P. COLLINS	MOORE	DICKER	WILSON	MCDONALD
	✓ THOMPSON	KNIGHTON	KARI	DUBE
<u>REG OPR</u>	✓ TEDESCO	YOUNGBLOOD	SMITH	
✓ FILE & REGION (2)	✓ LONG	PROJECT LEADER	GEARIN	C. MILES
✓ MORRIS	✓ LAINAS		DIGGS	
✓ STEELE	BENAROYA		TEETS	

EXTERNAL DISTRIBUTION

- |                             |                          |                        |
|-----------------------------|--------------------------|------------------------|
| ✓ 1-LOCAL PDR Oswego, N. Y. | (1)(5)(9)-NATIONAL LAB'S | 1-PDR-SAN/LA/NY        |
| ✓ 1-DTIE(LAUGHLIN)          | ANL/ORNL/PNL             | 1-GERALD LELLUCHE      |
| ✓ 1-NSIC(BUCHANAN)          | 1-R. CARROLL-OC, GT-B327 | BROOKHAVEN NAT. LAB    |
| 1-ASLB-YORE/SAYRE           | 1-R. CATLIN, A-170-GT    | 1-BOLAND, IDAHO FALLS, |
| WOODWARD/H. ST.             | 1-CONSULANT'S            | IDAHO(50-331 Only)     |
| ✓ 16-CYS ACRS HOLDING       | NEWMARK/BLUME/AGABIAN    | 1-RD..MULLER..F-309GT  |

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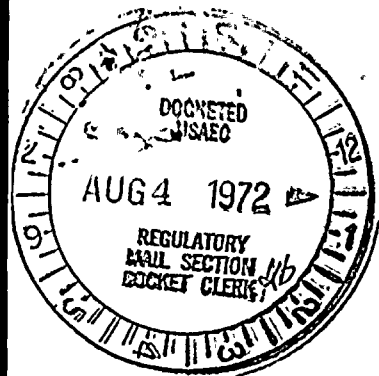
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Regulatory

File Cy.

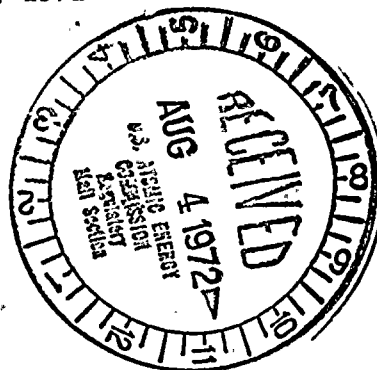
NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

300 ERIE BOULEVARD WEST  
SYRACUSE, N. Y. 13202

August 1, 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: Provisional Operating License: DPR-17  
Docket No.: 50-220

Appendix A (Technical Specifications 3.3.1 a and 3.3.1 b) of Provisional Operating License DPR-17 for Nine Mile Point Nuclear Station, Unit #1 states:

3.3.1 a

"After completion of the startup test program and demonstration of plant electrical output, the primary containment atmosphere shall be reduced to less than five percent oxygen with nitrogen gas whenever the reactor coolant pressure is greater than 110 psig and the reactor is in the power operating condition, except as specified in "b" below."

3.3.1 b

"Within the 24 hour period subsequent to increase of the reactor coolant pressure above 110 psig whenever the reactor is in the power operating condition, the containment atmosphere oxygen concentration shall be reduced to less than five percent by weight and maintained in this condition. Deinerting was commenced 24 hours prior to a major refueling outage or other scheduled shutdown."

An orderly shutdown of Unit #1, Nine Mile Point Nuclear Station was begun on July 27, 1972 due to increasing recirculation system valve packing leakage within the drywell. Following repacking of the affected valves, the unit was restarted on July 30, 1972 and reached 110 psig at 0700 that day.

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*KW*



An agreement had been made prior to shutdown with National Cylinder Gas, a nitrogen gas supplier in Conshohocken, Pa. for delivery of two trucks of nitrogen on July 30, 1972. Normal inerting requires 4 - 6 hours and could easily be accomplished that day, well within the required 24 hours. However, unknown to station personnel, the gas supplier was having difficulty in obtaining drivers for the necessary two trucks of nitrogen. The startup of the Unit beyond 110 psig continued, based upon the prior agreement that nitrogen would be arriving for inerting that day. At midnight, July 30, 1972 with no nitrogen for inerting on site, it was deemed necessary by station personnel to hold thermal power to 1200 MW(t) and not continue with the normal scheduled startup until the drywell was inerted.

The first truck of nitrogen arrived at the station the morning of July 31, 1972 and inerting began immediately. The drywell atmosphere was reduced to less than five percent oxygen at 1345 that day, reaching 3.9 percent at 1400. The start up scheduled then continued.

The drywell atmosphere remained within specification following inerting and with the arrival of the second truck late in the evening, July 31, 1972 was reduced to its present level of one percent by weight of oxygen.

Very truly yours,



F. J. Schneider  
Vice President e Operations



[Faint, illegible text spanning the middle section of the page, appearing as scattered dots and light gray marks.]

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