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Ltr trans the following....

ENCLOSURES:

Amdt to the OL...consist of changes to the Tech specs.....

ACKNOWLEDGED

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PLANT NAME: Nine Mile Pt.

FOR ACTION/INFORMATION 9-26-74 JB

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Regulatory Docket File

LAW OFFICES OF
LEBOEUF, LAMB, LEIBY & MACRAE
1757 N STREET, N.W.
WASHINGTON, D.C. 20036

ARVIN E. UPTON
EUGENE B. THOMAS, JR.
LEONARD M. TROSTEN
HARRY H. VOIGT
LEX K. LARSON
WASHINGTON PARTNERS

ONE CHASE MANHATTAN PLAZA
NEW YORK, N.Y. 10005

WASHINGTON TELEPHONE
202-872-8668

CABLE ADDRESS
LALALU, WASHINGTON D.C.

September 25, 1974

RECEIVED SEP 25 1974 U.S. ATOMIC ENERGY COMMISSION Regulatory Mail Section

Director of Licensing
U.S. Atomic Energy Commission
Washington, D.C. 20545

Re: Niagara Mohawk Power Corporation
Docket No. 50-220
Provisional Operating License DPR-17

Dear Sir:

As counsel for Niagara Mohawk Power Corporation, we hereby transmit three (3) originals and nineteen (19) copies of an Application for Amendment to the Provisional Operating License in the above-captioned docket. Accompanying this application are forty (40) copies of a document entitled, "Proposed Changes in Technical Specifications".

These changes to the Technical Specifications are proposed in accordance with the requirements of Sections 50.59(c) and 50.90 of the Commission's Rules and Regulations. They would increase the safety margin for the isolation function for the emergency condensers.

Very truly yours,

LeBOEUF, LAMB, LEIBY & MacRAE

By Eugene B. Thomas, Jr.
Eugene B. Thomas, Jr.
Partner

DOCKETED USAEC SEP 26 1974 REGULATORY MAIL SECTION DOCKET CLERK

Enclosures

9881

BEFORE THE UNITED STATES

ATOMIC ENERGY COMMISSION

In the Matter of	)	
	)	
NIAGARA MOHAWK POWER CORPORATION	)	Docket No. 50-220
(Nine Mile Point Unit 1)	)	

APPLICATION FOR AMENDMENT

TO

PROVISIONAL OPERATING LICENSE

Niagara Mohawk Power Corporation, Licensee in the above-captioned docket, hereby files an Application for Amendment to its Provisional Operating License DPR-17.

This Amendment would change the Technical Specifications with respect to the set-point for high steam flow in the emergency cooling system.

With this Application for Amendment, Licensee hereby transmits a document entitled "Proposed Change to Technical Specifications" describing the change and the reasons therefore. The proposed change has been reviewed and approved by the Safety Review and Audit Board and the Site Operations Review Committee.

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WHEREFORE, Licensee prays as in its original Application for Licenses.

Respectfully submitted,

NIAGARA MOHAWK POWER CORPORATION

By Philip D. Raymond

Philip D. Raymond
Vice President-Engineering

Subscribed and sworn to before
me this 20th day of September, 1974.

Hazel J. Carrick

HAZEL J. CARRICK
Notary Public in the State of New York
Qualified in Onon. Co. No. 4524460
My Commission Expires March 30, 1976

Proposed Changes to Technical Specifications

Proposed changes to the Technical Specifications would increase safety margin for the isolation function for the emergency condensers.

The original set point for high steam flow in the emergency cooling system supply line was $\leq$29.5 psid. That set point was established on the basis of a short radius elbow installation. After initial operation, a check of the fabrication drawings and field measurements indicated that a long radius elbow was actually installed.

A recalculation results in a revised set point of 19 psid representing a flow of 291 percent of maximum design capacity. This revised set point provides sufficient capability to isolate the emergency condensers on high flow due to a line break. Also sufficient margin exists such that the unit will not trip during normal operation. The high flow used for this calculation is equivalent to a rupture of 30 percent of the pipe cross-sectional area.

NIAGARA MOHAWK POWER CORPORATION

License No. DPR-17

Docket No. 50-220

Proposed Change to Technical Specifications

Item	Location	Change
Basis for Section 3.6.2	Page 95	Change the fourth and fifth sentences in the first paragraph to read as follows: "The high flow set point for the emergency cooling system supply line is 19 psi differential. This represents a flow of approximately 8.7×10^5 pounds per hour at rated condition."
Table 3.6.2 c and 4.6.2 c	Page 102	Change the set point under item (3) High Steam Flow Emergency Cooling System to 19 psid from $\leq$29.5 psid.