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FACIL:50-220 Nine Mile Point Nuclear Station, Unit 1, Niagara Powe 05000220
AUTH.NAME AUTHOR AFFILIATION
DISE,D.P. Niagara Mohawk Power Corp.
RECIP.NAME RECIPIENT AFFILIATION
IPPOLITO,T.A. Operating Reactors Branch 2

SUBJECT: Notifies that core cooling level instrumentation will be installed per 810209 ltr. Annunciation provided by current water level instrumentation & adequate knowledge of mixture level in & above core will be available to operator.

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TITLE: Response to NUREG-0737/NUREG-0660 TMI Action Plan Rqmts (OL's)

NOTES:

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NIAGARA MOHAWK

NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

October 29, 1981

Mr. Thomas A. Ippolito, Chief
Operating Reactors Branch #2
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Re: Nine Mile Point Unit 1
Docket No. 50-220
DPR-63

Dear Mr. Ippolito:

Your letter of September 23, 1981 requested Niagara Mohawk to commit to install interlocks on the recirculation loop isolation valves as outlined in Item II.K.3.19 of NUREG-0737. You indicated that administrative controls previously outlined by Niagara Mohawk would not be sufficient to assure that a direct link between the outside shroud and inside shroud region is maintained. This direct link is required to assure that current water level indication instrumentation is providing the operator with a knowledge of mixture level in or above the core.

As indicated in our letter of February 9, 1981 Niagara Mohawk will be installing instrumentation for the detection of inadequate core cooling. This instrumentation will provide an indication of the water level in and above the core region when the recirculation pumps are tripped. This instrumentation will function independently of the position of the recirculation loop isolation valves. Annunciation in the control room of an abnormal level situation is currently available from existing water level instrumentation (i.e., low-low-low water level instrumentation). This annunciation functions independent of the position of the recirculation loop isolation valves.

Based on the core cooling level instrumentation to be installed and the annunciation provided by the current water level instrumentation, adequate knowledge of the mixture level in and above the core will be available to the operator. This is independent of the position of the recirculation loop isolation valves. Therefore, installation of interlocks on the recirculation loop isolation valves will not be required.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

Donald P. Dise

Donald P. Dise
Vice President Engineering

RJP:ja

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