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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
 EISENHUT, D.G. Division of Licensing

SUBJECT: Responds to NRC 801113 ltr requesting confirmation that util will meet implementation dates in NUREG-0619, "BWR Feedwater Nozzle & Control Rod Drive Return Line Nozzle Cracking." Util will meet implementation dates.

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BRANCH

December 29, 1980

Mr. Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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

Dear Mr. Eisenhut:

As requested in your letter of November 13, 1980, provided herein is confirmation that Niagara Mohawk will meet the implementation dates applicable to Nine Mile Point Unit 1 indicated in NUREG-0619, "BWR Feedwater Nozzle and Control Rod Drive Return Line Nozzle Cracking." The following addresses the specific requirements applicable to Nine Mile Point Unit 1.

The inspection requirements outlined for Nine Mile Point Unit 1 feedwater and control rod drive return line nozzles will be implemented on the intervals specified: The feedwater nozzle UT inspection will be performed every other refueling outage and visual inspection of the feedwater spargers will be performed every four refueling outages, commencing with the 1981 refueling outage. Dye penetrant inspection will be performed as required on feedwater and control rod drive return line nozzles every six refueling outages, or every 90 startup/shutdown cycles whichever occurs first. Dye penetrant inspection intervals will commence with the Spring 1977 refueling outage when the last feedwater nozzle dye penetrant inspection was made.

Various system modifications deemed necessary to assure long-term operation without significant crack growth are required to be implemented by June 30, 1983. Specifically, re-routing of the reactor water cleanup system piping such that cleanup system flow returns to the reactor vessel via all four feedwater nozzles is required. The current Nine Mile Point Unit 1 design already includes this feature. Also required is a feedwater low flow

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Darrell G. Eisenhut
U. S. Nuclear Regulatory Commission

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controller. Currently, Nine Mile Point Unit 1 utilizes a low flow controller in its feedwater system. Niagara Mohawk will evaluate its adequacy with respect to the low flow control system design referenced in NUREG-0619 and, if necessary, upgrade the system by June 30, 1983.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION



Donald P. Dise
Vice President-Engineering

DKG/szd

