Mr. John H. Mueller
Chief Nuclear Officer
Niagara Mohawk Power Corporation
Nine Mile Point Nuclear Station
Operations Building, Second Floor
P.O. Box 63
Lycoming, NY 13093

August 17, 1998

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING COOLANT CHEMISTRY, NINE MILE POINT NUCLEAR STATION UNIT NO. 1 (TAC NO. M99130)

Dear Mr. Mueller:

By letter dated July 16, 1998, you submitted a revised application for license amendment to change Technical Specification (TS) 3/4.2.3, "Coolant Chemistry," for Nine Mile Point Nuclear Station, Unit 1 (NMP1). The NRC staff is reviewing the revised application and finds that the following additional information is needed:

- The proposed TS changes would add a new TS 3.2.3e requiring shutdown if conductivity exceeds 0.19 micro mho/cm when chloride or sulfate ion concentrations cannot be determined. Please provide and justify a database for the correlation between chloride and sulfate ion concentrations verses conductivity that supports this proposed change. Identify and justify the possible upper limits for sulfate and chloride coolant concentrations if conductivity has not exceeded 0.19 micro mho/cm.

We also request that you edit proposed TS 3.2.3a and 3.2.3b by relocating the phrase "for > 24 hours" to follow the word "limits" and provide revised TS replacement pages.

Your response to this letter is requested within 30 days of its receipt. If you should have any questions regarding this request or are unable to meet the requested response schedule, please contact me by phone on (301) 415-3049 or by electronic mail at dsh@nrc.gov.

Sincerely,

ORIGINAL SIGNED BY:

Darl S. Hood, Senior Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-220

cc: See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

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Darl S. Hood

Darl S. Hood, Senior Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
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