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 AUTH. NAME: AUTHOR AFFILIATION
 DISE/D.P.: Niagara Mohawk Power Corp.,
 RECIP. NAME: RECIPIENT AFFILIATION
 IPPOLITO, T.A. Operating Reactors Branch 3

SUBJECT: Forwards NALCO Chemical Co 791119 final rept re 791025 & 29
 chemical treatment test of main condenser cooling water.

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MAY

Director of Nuclear Reactor Regulation
Attention: Mr. Thomas A. Ippolito, Chief
Operating Reactors Branch #3
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

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

Gentlemen:

In accordance with Section 4.0, Special Surveillance and Study Activities of the Environmental Technical Specifications for Nine Mile Point Unit 1, a chemical treatment test of the main condenser cooling water was performed between October 25 and 29, 1979. Find attached the final test report from NALCO Chemical Company dated November 19, 1979.

During the chemical injection period, three discharge canal grab samples were obtained and analyzed for oil and grease. All three samples showed less than 1 ppm grease and oil.

The results of the study do not indicate any measurable increase in plant efficiency. Niagara Mohawk believes that the study will produce more favorable results in July or August when the lake temperature is higher. Therefore, we plan to perform a second test during the summer of 1980.

Attachment 2 is a letter from the New York State Department of Environmental Conservation which provides their approval for use of Nalsperse 7348 and 7388.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

Donald P. Dise

Donald P. Dise,
Vice President - Engineering

GJG:jk

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