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FACIL:50-220 Nine Mile Point Nuclear Station, Unit 1, Niagara Powe 05000220
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DISE,D.P. Niagara Mohawk Power Corp.
RECIP.NAME RECIPIENT AFFILIATION
IPPOLITO,T.A. Operating Reactors Branch 3

SUBJECT: Discusses completion of stainless steel coupon surveillance program.Stainless steel samples removed from steam,steam water & water phases of reactor vessel & analyzed.Results show that all sensitized specimens had intergrannular attack

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NIAGARA MOHAWK

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December 27, 1979

Director of Nuclear Reactor Regulation
Attn: 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:

During the Spring 1979 refueling outage stainless steel samples located in the steam, steam-water and water phases of the Nine Mile Point Unit 1 reactor vessel were removed. These samples were analyzed in accordance with ASTM A262 Practice E "Detailing Susceptibility to Intergrannular Attack in Stainless Steels." The results of the analysis indicate that all sensitized specimens, either plate or forging material, experienced intergrannular attack regardless of their location in the reactor vessel. Nonsensitized specimens showed no indications of this type of attack.

This completes our stainless steel coupon surveillance program for Nine Mile Point Unit 1 as indicated in our letter of November 30, 1979. A complete copy of the report is available at the Nine Mile Point Unit 1 site for your review.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

D. P. Dise

D. P. Dise
Vice President - Engineering

MGM:jk

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