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 FACIL: 50-220 Nine Mile Point Nuclear Station, Unit 1, Niagara Powe 05000220  
 AUTH. NAME: MANGAN, C. V. AUTHOR AFFILIATION: Niagara Mohawk Power Corp.  
 RECIP. NAME: RECIPIENT AFFILIATION: Document Control Branch (Document Control Desk)

SUBJECT: Clarifies position re design straps in response to NRC questions concerning util 870122 request for relief from certain requirements of ASME Code. Util will install supporting straps that will carry full design loads.

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March 9, 1987  
(NMP1L 0140)

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555

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

Gentlemen:

On January 22, 1987, Niagara Mohawk Power Corporation submitted a request for relief from certain requirements of the ASME Code. Specifically, we requested relief to install supporting straps between the waterbox and the shell of the Reactor Building Closed Loop Cooling Heat Exchangers. In response to questions from the NRC staff, we wish to clarify our position with regard to the design of the straps. Even though a stress analysis of the heat exchangers indicated that the design loads in the weld could be carried with a fifty percent reduction of the weld thickness, Niagara Mohawk will install supporting straps that will carry the full design loads. Thus, in the unlikely event of a complete failure of the tube sheet to shell weld, the structural integrity of the heat exchanger would be assured.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

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