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 FACIL: 50-220 Nine Mile Point Nuclear Station, Unit 1, Niagara Powe    05000220  
 AUTH. NAME    AUTHOR AFFILIATION  
 MANGAN, C.V.    Niagara Mohawk Power Corp.  
 RECIP. NAME    RECIPIENT AFFILIATION  
 VASSALLO, D.B.    Operating Reactors Branch 2

SUBJECT: Updates info on reactor bldg wall crack, per 830325 ltr.  
 Previously installed strut will be removed since greenhouse wall decoupled from reactor bldg wall & crack stabilized.  
 Crack will be monitored on quarterly basis.

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January 31, 1985

Director of Nuclear Reactor Regulation  
Attention: Mr. Domenic B. Vassallo, Chief  
Operating Reactors Branch No. 2  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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

Dear Mr. Vassallo:

Our letter of March 25, 1983 provided an evaluation of the reactor building wall crack at Nine Mile Point Unit 1. The analysis showed that the reactor building would remain functional without any modifications. However, to provide additional assurance of reactor building integrity, a strut was installed during the reactor recirculation pipe replacement outage. In our letter of September 12, 1983, we committed to decouple the screenhouse wall from the reactor building wall. This was done during the Spring 1984 refueling and maintenance outage.

Since the screenhouse wall has been decoupled from the reactor building wall, we plan to remove the previously installed strut. We have performed an evaluation in accordance with 10CFR50.59 which concluded that this does not constitute an unreviewed safety question.

We have been monitoring the reactor building crack growth on a weekly basis. Since decoupling, the reactor building wall is converging towards its undeflected shape and has stabilized. Therefore, we now plan to monitor the crack on a quarterly basis.

Sincerely,

NIAGARA MOHAWK POWER CORPORATION

*C. V. Mangar*

C. V. Mangar  
Vice President

Nuclear Engineering and Licensing

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