

September 7, 1984

Docket No. 50-220

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Mr. B. G. Hooten
Executive Director, Nuclear Operations
Niagara Mohawk Power Corporation
300 Erie Boulevard West
Syracuse, New York 13202

Dear Mr. Hooten:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION - IE BULLETIN 80-11,
MASONRY WALL EVALUATION PROGRAM

Re: Nine Mile Point Nuclear Station, Unit No. 1

Reference is made to your submittal dated June 24, 1983 which provided your design criteria for reanalysis of masonry walls.

The information was reviewed by our staff and we find that the items identified in the enclosure are required to complete our review.

In order to support our review schedule for this multi-plant activity, you are requested to provide the information within 45 days of the date of receipt of this letter.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

Original signed by RAHermann for/

Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing

Enclosure:
As stated

cc w/enclosure:
See next page

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Mr. B. G. Hooten
Niagara Mohawk Power Corporation
Nine Mile Point Nuclear Station, Unit No. 1

cc:

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Albany, New York 12223



Enclosure

Request for Additional Information
Nine Mile Point Unit 1
Docket No. 50-220
Masonry Wall Review, IE Bulletin 80-11

With regard to the licensee's proposed criteria for performance of "leak-before-break" analyses (Ref. 1), the staff has noted the following concern and ensuing need for additional information.

Current limitations on the application of leak-before-break analyses exclude piping systems or portions thereof that are particularly susceptible to intergranular stress corrosion cracking (IGSCC), water-hammer or fatigue. Of the systems identified for evaluation, parts of the emergency condenser and reactor water cleanup systems may fall within the limitations. Specifically, is the reactor water cleanup system subject to IGSCC and does the emergency condenser system have a history of water-hammer occurrences? If the answers are affirmative, the following questions also apply. Have system modifications and piping replacements been made to mitigate or eliminate these problems? Do systems operating conditions preclude these mechanisms from acting on certain portions of these systems?

Reference 1. "Design Criteria for the Reanalysis of Safety Related Masonry Walls at NMP-1", June 1983 (attached to a letter from C. V. Mangan of Niagara Mohawk Corporation to D. Vassallo of NRC, dated June 24, 1983).

