



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555

August 25, 1992

Docket No. 50-220

Mr. B. Ralph Sylvia  
Executive Vice President, Nuclear  
Niagara Mohawk Power Corporation  
301 Plainfield Road  
Syracuse, New York 13212

Dear Mr. Sylvia:

SUBJECT: PROPOSED DEFERMENT OF NINE MILE POINT NUCLEAR STATION UNIT NO. 1  
TORUS MODIFICATIONS (TAC NO. M80214)

By letter dated May 14, 1991, Niagara Mohawk Power Corporation (NMPC) submitted an analysis which proposed to allow a reduction in the condensation oscillation loads applied to the Nine Mile Point Unit No. 1 torus during a LOCA or during actuation of the safety/relief valves. NRC staff acceptance of these reduced loads would allow NMPC to defer, until approximately 2007, implementation of torus modifications currently scheduled for implementation during the next refueling outage (currently scheduled to begin in January 1993). Supplemental information, which was submitted in response to NRC staff requests for additional information, was provided in NMPC letters dated August 29, 1991, September 27, 1991, October 17, 1991, December 13, 1991 (two submittals), and January 17, 1992.

The NRC staff and its consultant, Brookhaven National Laboratory, have completed the requested review and have concluded that the proposed reduction in condensation oscillation loads on the torus shell is acceptable and this reduced load will produce a sufficient reduction in shell stresses such that code allowable stress in the torus shell will not be exceeded until the average thickness (within the provisions of Section NE-3213.10 of the 1977 Edition, including the Summer 1977 Addenda, of the ASME Code) of the torus shell is reduced to less than 0.431 inches. To provide assurance that the average wall thickness of the torus shell is not reduced to less than 0.431 inches, Niagara Mohawk is requested to commit to and perform the monitoring programs described in our attached safety evaluation. This commitment should be provided in writing within 30 days of receipt of this letter.

NMPC is also requested to submit to the NRC, periodic reports containing the results of the above requested monitoring programs. These reports shall be submitted within approximately 60 days after the completion of each inspection.

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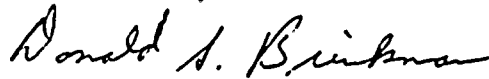
Mr. B. Ralph Sylvia

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This requirement affects one respondent and, therefore, is not subject to Office of Management and Budget review under P.L. 96-511.

Sincerely,



Donald S. Brinkman, Senior Project Manager  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosure:  
Safety Evaluation

cc w/enclosure:  
See next page



Mr. B. Ralph Sylvia  
Niagara Mohawk Power Corporation

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