



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20555

February 7, 1991

Docket No. 50-410

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

Dear Mr. Sylvia:

SUBJECT: SAFETY EVALUATION FOR THE RESOLUTION OF PIPING ANALYSES  
NONCONFORMING CONDITIONS - NINE MILE POINT NUCLEAR STATION,  
UNIT NO. 2 (TAC NO. 77264)

On June 22, 1990, Niagara Mohawk Power Corporation (NMPC) reported to the NRC per 10 CFR 50.72 that a review of the safety related pipe stress calculations for the Standby Liquid Control System at Nine Mile Point 2 revealed potential nonconforming conditions. The nonconforming conditions included errors in the modeling and analysis of the piping systems and the failure to perform the analyses of piping systems in accordance with criteria specified in the Updated Safety Analysis Report (USAR). These nonconforming conditions potentially affected the Standby Liquid Control System, the Reactor Water Cleanup System, the Main Steam System, and the Primary Containment Penetrations.

By letter dated June 29, 1990, NMPC provided a preliminary evaluation of the nonconforming conditions with regard to continued safe operation. By letter dated July 27, 1990, and supplemented November 30, 1990, NMPC provided further information regarding a closure plan and corrective actions for this issue. NMPC proposed to reanalyze the affected systems using criteria specified in the USAR with two exceptions. The first exception involves NMPC's proposal to use the ASME Code Class 1 piping fatigue exemption rules in the Summer 1976 Addenda. The second exception involves NMPC's proposed corrections to the USAR containment penetrations load combination table.

Mr. B. Ralph Sylvia

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February 7, 1991

The staff has reviewed NMPC's proposed correction actions for the nonconforming conditions and concluded that they are acceptable. The enclosed safety evaluation documents the staff's approval. All staff activities related to TAC No. 77264 are considered complete.

Sincerely,

ORIGINAL SIGNED BY

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

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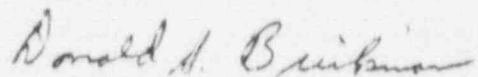
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Mr. B. Ralph Sylvia

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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

Nine Mile Point Nuclear Station  
Unit 2

cc:

Mr. Mark J. Wetterhahn, Esquire  
Bishop, Cook, Purcell & Reynolds  
1400 L. Street, N.W.  
Washington, D. C. 20005-3502

Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, Pennsylvania 19406

Mr. Richard Goldsmith  
Syracuse University  
College of Law  
E. I. White Hall Campus  
Syracuse, New York 12223

Charlie Donaldson, Esquire  
Assistant Attorney General  
New York Department of Law  
120 Broadway  
New York, New York 10271

Resident Inspector  
Nine Mile Point Nuclear Power Station  
P. O. Box 99  
Lycoming, New York 13093

Mr. Richard M. Kessel  
Chair and Executive Director  
State Consumer Protection Board  
99 Washington Avenue  
Albany, New York 12210

Mr. Gary D. Wilson, Esquire  
Niagara Mohawk Power Corporation  
300 Erie Boulevard West  
Syracuse, New York 13202

Mr. Richard Abbott, Unit 2 Station  
Superintendent  
Nine Mile Point Nuclear Station  
Niagara Mohawk Power Corporation  
P. O. Box 32  
Lycoming, NY 13093

Mr. Peter E. Francisco, Licensing  
Niagara Mohawk Power Corporation  
301 Plainfield Road  
Syracuse, New York 13212

Ms. Donna Ross  
New York State Energy Office  
2 Empire State Plaza  
16th Floor  
Albany, New York 12223

Mr. Joseph F. Firlit  
Vice President - Nuclear Generation  
Nine Mile Point Nuclear Station  
Niagara Mohawk Power Corporation  
P. O. Box 32  
Lycoming, New York 13093

Supervisor  
Town of Scriba  
R. D. #4  
Oswego, New York 13126