



**J. Phillip Bayne**  
Executive Vice President  
Nuclear Generation

June 8, 1983  
IPN-83-55

Director of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Attention: Mr. Steven A. Varga, Chief  
Operating Reactors Branch No. 1  
Division of Licensing

Subject: Indian Point 3 Nuclear Power Plant  
Docket No. 50-286  
Pressurizer Safety and Relief Valves -  
Results of Plant Specific Piping Adequacy  
NUREG-0737, Section II.D.1

Dear Sir:

The Authority in its letter dated February 15, 1983 (IPN-83-13) stated that a plant-specific analysis of the inlet and discharge piping for the relief and safety valves was being performed. A preliminary evaluation of this analysis indicates that the existing discharge piping may be inadequately supported to prevent the stresses, exhibited during the most severe transients, from exceeding the design piping code allowables. The conservative methodology used determined the pipe stresses and support loads by a static application of the transient forces utilizing dynamic loading factors.

The Authority is currently refining this conservative analysis to reflect more realistic conditions. Should this reanalysis reveal that an overstress condition actually exists, various options will be considered to reduce the stresses in the discharge piping to acceptable limits. These options include but are not limited to:

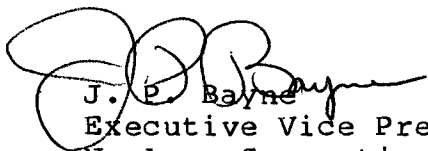
- a) Eliminating or draining the loop seals at the inlet to the safety valves (this approach will also require valve modifications).
- b) Adding new supports and/or upgrading existing supports.
- c) Modifying the discharge piping and/or supports.

AOA  
1/0

The Authority will submit the results of the reanalysis to the Commission along with an implementation schedule for the appropriate modifications, if necessary. These results are anticipated to be ready for submittal by October 1, 1983.

Should you or your staff have any questions, please contact Mr. P. Kokolakis of my staff.

Very truly yours,



J. P. Bayne

Executive Vice President  
Nuclear Generation

cc: Resident Inspector's Office  
Indian Point Unit 3  
U. S. Nuclear Regulatory Commission  
P. O. Box 66  
Buchanan, New York 10511