

Carl L. Newman  
Vice President

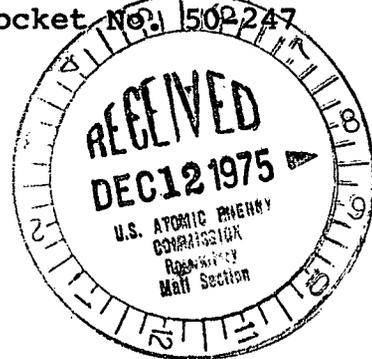
Consolidated Edison Company of New York, Inc.  
4 Irving Place, New York, N. Y. 10003  
Telephone (212) 460-5133



Regulatory Docket File

December 8, 1975

RE: Indian Point Unit No. 2  
Docket No. 1502247



Director of Nuclear Reactor Regulation  
ATTN: Mr. Robert W. Reid, Chief  
Operating Reactors Branch #4  
Division of Reactor Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Reid:

The letter dated November 14, 1975 from Mr. William J. Cahill, Jr. of Con Edison replied to your letter of October 16, 1975 and outlined the bases to which the Indian Point Unit No. 2 reactor vessel support structure was designed.

In addition to this review of the vessel support structure for Indian Point Unit No. 2, Con Edison is beginning a program of detailed analysis of the similar support structure for Indian Point Unit No. 3. This program will determine the loads in the reactor vessel support system and evaluate the full restraint capability of the system for a postulated pipe rupture at the vessel inlet nozzle. The analysis will include the effects of the reactor vessel support stiffness, asymmetric cavity pressure loads, loads from the asymmetric forces in the vessel internals and loads from attached coolant loops. The effects of inelastic deformations that may occur in highly loaded members of the structure will also be evaluated.

It is Con Edison's intention that the results of this analysis for Indian Point Unit No. 3 will be available by December 1, 1976. At the time of submission of this analysis, Con Edison will also submit an evaluation of the applicability of this analysis to Indian Point Unit No. 2.

Very truly yours,

Carl L. Newman  
Vice President

13850

8111110574 751208  
PDR ADOCK 05000247  
PDR

mp