

Stephen B. Bram  
Vice President

Consolidated Edison Company of New York, Inc.  
Indian Point Station  
Broadway & Bleakley Avenue  
Buchanan, NY 10511  
Telephone (914) 737-8116

July 12, 1989

Re: Indian Point Unit No. 2  
Docket No. 50-247

Document Control Desk  
US Nuclear Regulatory Commission  
Mail Station Pl-137  
Washington, DC 20555

SUBJECT: Reactor Vessel Inservice Inspection

By letter dated October 16, 1984, the NRC forwarded a safety evaluation regarding the ultrasonic indication detected in the reactor vessel during the 1984 refueling outage. Section V, Page 18 of the safety evaluation stated that "...at the end of the next ten year period (ending June 30, 1994) Consolidated Edison should submit for staff evaluation a fracture mechanics analysis (of the reactor vessel indication) that is based on an updated state-of-knowledge of the effect of neutron irradiation on the fracture properties of the IP-2 vessel materials".

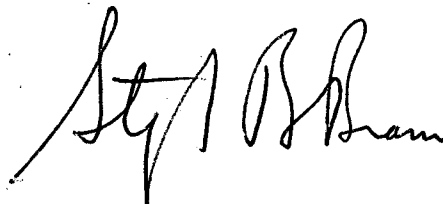
A fracture mechanics analysis was performed during 1984 as part of an overall evaluation of the vessel indication. That analysis was used as a basis for the 1984 NRC conclusion that the vessel was acceptable for continued service subject to accomplishing augmented inspections.

As a result of the augmented vessel examinations conducted in 1987, the NRC, by letter dated July 12, 1988, concluded that the indication meets the acceptance criteria of ASME Section XI and that augmented inspections may be discontinued. Since the indication meets the acceptance criteria of ASME Section XI, fracture mechanics analysis is not necessary nor required to "accept" the indication and paragraph IWB-3122.4 of ASME XI "Acceptance by Evaluation" is not applicable.

Therefore, it is Con Edison's conclusion that it is no longer necessary to submit an additional fracture mechanics analysis in 1994 as recommended in the 1984 NRC safety evaluation since the 1987 vessel examinations demonstrated that the indication was acceptable without the need for such an analysis.

Should you or your staff have any questions please contact Mr. Jude G. Del Percio, Manager, Regulatory Affairs.

Very truly yours,



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cc: Mr. William Russell  
Regional Administrator - Region I  
US Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406-1498

Mr. Donald S. Brinkman, Project Manager  
Project Directorate I-1  
Division of Reactor Projects I/II  
US Nuclear Regulatory Commission  
Mail Stop 14B-2  
Washington, DC 20555

Senior Resident Inspector  
US Nuclear Regulatory Commission  
PO Box 38  
Buchanan, NY 10511