Docket No. 50-247

OCT 17 1972

Consolidated Edison Company of New York, Inc.
ATTN: Mr. William J. Cahill, Jr.
Vice President
4 Irving Place
New York, New York 10001

Gentlemen:

In response to the Directorate of Licensing's letter to you dated May 12, 1972, you submitted a report entitled "Summary Report of Safety and Relief Valve Installation and Re-Analysis for ASME Class 1 and Class 2 Systems in Indian Point Unit No. 2", dated July 13, 1972. We have reviewed the report and have determined that additional information is necessary to complete our evaluation

The specific information required is listed in the enclosure to this letter. The material requested was discussed with your personnel at a meeting held on October 4, 1972. Please contact us if you desire additional clarification of this request.

Sincerely,

Original Signed By
R. C. DeYoung

R. C. DeYoung, Assistant Director
for Pressurized Water Reactors
Directorate of Licensing

Enclosure:
Request for Additional Information

cc: LeBoeuf, Lamb, Leiby & MacRae
Mr. Arvin E. Upton, Esq.
1821 Jefferson Street, NW
Washington, D. C. 20036

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DATE ▶	10/13/72	10/13/72	10/13/72	10/17/72		

REQUEST FOR ADDITIONAL INFORMATION
CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
SAFETY AND RELIEF VALVE ANALYSIS
FOR ASME CLASS 1 AND 2 SYSTEMS
INDIAN POINT 2
DOCKET NO. 50-247

1. Provide the dynamic load factor for open systems. Include a description of the method of analysis used to obtain this factor.

2. Discuss the validity of the use of ANSI B31.1 for primary plus secondary stress determination at the junction of the weldolet and the main steam header for open systems.

3. Submit a summary of the results of the test or analysis to vertify the assumed direction of the relieving load.

4. Provide the following analytical parameters for each computer program referenced:

   (a) brief description of the theoretical basis
   (b) brief description of the assumptions used for analysis and the limits of applicability.

5. Provide a brief description of the following for typical open and closed systems:

   (a) mathematical model
   (b) input forcing functions
   (c) summary of stresses at high changes in flexibility.

6. Provide justification for using a .15g horizontal and .10g vertical DBE input in lieu of the results from a multi degree-of-freedom system.

7. Provide justification for the use of a load factor of 2 for closed systems.

8. Provide sketches of the required modifications used for all typical systems.

OFFICE ▸						
SURNAME ▸						
DATE ▸						