William J. Cahill, Jr.
Vice President

Regulatory File Cy.

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Consolidated Edison Company of New York, Inc.
4 Irving Place, New York, N Y 10003
Telephone (212) 460-3619

April 12, 1974

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

DOCKETED USAEC APR 15 1974 REGULATORY MAIL SECTION DOCKET CLERK

RECEIVED APR 12 1974 U.S. ATOMIC ENERGY COMMISSION Regulatory Mail Section

Mr. Donald J. Skovholt
Assistant Director for
Operating Reactors
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Skovholt

In accordance with your letter of November 8, 1973, Con Edison herewith submits the results of inspections of hydraulic snubbers installed in Indian Point Unit No. 2. From November 12, 1973 through March 19, 1974, Indian Point Unit No. 2 was maintained in the cold shutdown condition for the majority of the time while repairs and plant modifications were accomplished associated with the main feedwater system. During this time period, seal replacements were made on many of the Bergen-Patterson snubbers with priority given to those located in areas normally inaccessible during reactor operations. In addition, although the plant had been above the cold shutdown condition for only a short period of time since the previous snubber inspection, all snubbers located in areas normally inaccessible during reactor operations and the majority of the remaining snubbers were re-inspected.

The results of these inspections are enclosed. Due to the large number of snubbers installed in Unit No. 2, those located outside of containment are being inspected on a continual basis to assure that the maximum time between inspections specified in your letter is not exceeded. Accordingly, the results of the inspections of the snubbers located outside of the containment represents the status of these inspections as of April 4, 1974.

Very truly yours

William J. Cahill, Jr.

enc.
md

William J. Cahill, Jr.
Vice President

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Copy to James P. O'Reilly, Director
Directorate of Regulatory Operations
Region 1
U. S. Atomic Energy Commission
631 Park Avenue
King of Prussia, Penn. 19406

Results of Inspections of Hydraulic Snubbers Installed in Indian Point Unit No. 2

Bergen-Patterson Snubbers:

1. Located inside containment (inaccessible during reactor operation)

   Date of Inspection: Completed February 28, 1974 (plant brought above cold shutdown March 18, 1974).

   No. of Snubbers Installed: 353
   No. of Snubbers Inspected: 353
   Seal Material: 29 "unadulterated" material
   (Following Corrective Action): 96 ethylene propolene
   228 millable gum

   Results: No snubbers found to be inoperable. Three units had indication of piston leaks. Six units had indication of fitting leaks. 38 units had indication of leakage as evidenced by the snubber bodies being in generally oily condition.

   Corrective Action: All 47 units with indication of leakage were replaced with new or refurbished units fitted with ethylene propolene seals.

2. Located in Primary Auxiliary Building

   Date of Inspection: Continuous - Status as of April 4, 1974

   No. of Snubbers Installed: 68
   No. of Snubbers Inspected: 56
   Seal Material: 68 millable gum

   Results: No snubbers found to be inoperable. Six units had indication of body leaks and low oil level.

   Corrective Action: Maintenance action to restore oil to the proper levels.

Results of Inspections of Hydraulic Snubbers Installed in Indian Point Unit No. 2
(Continued)

3. Located in Conventional Portions of the Plant

Date of Inspection: Continuous - Status as of April 4, 1974

No. of Snubbers Installed: 102
No. of Snubbers Inspected: 92
Seal Material: 102 millable gum

Results: No snubbers found to be inoperable. 22 units had low oil levels; 19 of these had indication of leakage as evidenced by the snubber bodies being in a generally oily condition.

Corrective Action: Maintenance action to restore oil to the proper levels.

Snubbers Supplied by Other Manufacturers (Grinnell)

1. Located Inside Containment (Inaccessible During Reactor Operation)

Date of Inspection: Completed February 28, 1974

No. of Snubbers Installed: 24
No. of Snubbers Inspected: 24
Seal Material: Not applicable

Results: None were found inoperable. Indications of possible fitting leaks were found on 16 snubbers.

Corrective Action: The fittings were replaced on the 16 snubbers that had indications of possible leaks.

2. Located Outside Containment

No Grinnell snubbers are located outside of containment.

5 Numbers