

Carl L. Newman
Vice President

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Regulatory

File Cy

November 25, 1974

Re: Indian Point Unit No. 2
AEC Docket No. 50-24

Mr. Karl R. Goller
Assistant Director for
Operating Reactors
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545



Dear Mr. Goller:

In accordance with the requirements of your letter of November 8, 1973, Con Edison herewith submits the results of inspection of hydraulic snubbers installed in Indian Point Unit No. 2. Inspection of snubbers inside containment was completed on November 10, 1974 for the Bergen-Paterson snubbers and on November 13, 1974 for the Grinnell snubbers.

The results of inspections of snubbers located outside of the containment, which are being conducted on a continuing basis, are presented for the period of October 7, 1974 through November 10, 1974.

Very truly yours,

Carl L. Newman
Vice President

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ljc

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



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Results of Inspection of Hydraulic Snubbers
Installed at Indian Point Unit No. 2
November 10, 1974

Bergen-Paterson Snubbers:

Received w/lt Dated 11-25-74

1. Located inside containment (inaccessible during reactor operation).

Date of Inspection: Completed November 10, 1974

Number of Snubbers Installed: 362

Seal Material: Non-ethylene propylene (millable gum and unadulterated) - 51

Ethylene propylene - 311

No. of Snubbers Inspected: All snubbers employing millable gum or unadulterated polyurethane seal material.

Results:

Five (5) snubbers had indications of fitting leakage, six (6) snubbers were found in a generally oily condition, and one (1) snubber (56-SR-12) had a cylinder leak. All 12 of these snubbers had sufficient oil to operate properly.

Corrective Action:

Snubbers with signs of leakage had fittings and flanges checked and oil added where necessary.

2. Located in PAB and Conventional Plant

Date of Inspection: Completed November 10, 1974

Number of Snubbers Installed: 154

Seal Material: Millable gum - 153

Ethylene propylene - 1

No. of Snubbers Inspected: 154

Results:

Seven (7) snubbers had signs of leakage; two (2) at fittings, four (4) at piston rod, and one (1) at the oil reservoir. All had sufficient oil to operate properly.

Corrective Action

Snubbers with signs of leakage were checked (fittings and flanges tightened) and oil was added where necessary. SR-8A was replaced with a snubber employing ethylene propylene seal material.

Snubbers Supplied by Other Manufacturers (Grinnell):

1. Location Inside Containment (inaccessible during reactor operation).

Date of Inspection: Completed November 13, 1974

No. of Snubbers Installed: 24

No. of Snubbers Inspected: 24

Seal Material: Not applicable.

Results:

Lower snubber reservoir at Steam Generators #21, 22, and 23, and upper snubber reservoir at Steam Generators #21, 22, and 23 had lower than normal oil level, but adequate to assure operability.

Corrective Action:

Where required, fittings were tightened and reservoirs were filled to normal oil level.

2. Located Outside Containment

No Grinnell snubbers are located outside the containment.