

REGULATORY DOCKET FILE COPY

Consolidated Edison Company of New York, Inc.
4 Irving Place, New York, N Y 10003
Telephone (212) 460-3819

March 14, 1977

RE: Indian Point Units 1, 2 and 3
Docket Nos. 50-3
50-247
50-286

Director of Nuclear Reactor Regulation
ATTN: Mr. Robert W. Reid, Chief
Operating Reactors Branch No. 4
Division of Reactor Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555



Dear Mr. Reid:

Your letter of February 18, 1976 (Indian Point Unit Nos. 1 and 2) and Mr. DeYoung's letter of February 20, 1976 (Indian Point Unit No. 3) provided Consolidated Edison and the Power Authority of the State of New York with guidance regarding the filing of information required by Appendix I to Part 50 of the Commission's regulations. The enclosures to these letters requested considerable information on the Indian Point site and facilities. Our letter of July 6, 1976 provided a partial response to your and Mr. DeYoung's requests. The present submittal completes our response.

Consolidated Edison has performed a study to demonstrate the ability of the Indian Point reactors to meet the requirement of Part 50.34a of the Commission's regulations that releases of radioactive materials to unrestricted areas be kept "as low as is reasonably achievable." The results of the study confirm that the Indian Point reactors not only comply with the design objectives set forth in Appendix I to 10CFR50, but also comply with the more stringent design objectives proposed by the Regulatory Staff in Docket No. RM 50-2.

The results of the study are documented in a report titled "An Evaluation to Demonstrate the Compliance of the Indian Point Reactors with the Design Objectives of 10CFR Part 50, Appendix I." Twenty copies of Volume I of the report are being forwarded to you. Four copies of Volume II of the report, which contains appendices, are also being forwarded.

Our letter of July 6, 1976 provided responses to Items 5, 7 and 8 of Enclosure 2 to the February 1976 letters. The aforementioned report contains the information requested

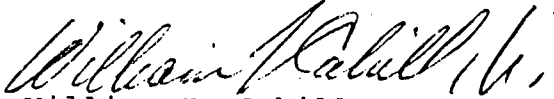
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in the remainder of the enclosures to the February 1976 letters, with the exception of Item 5 of Enclosure 1 and Items 6 and 9 of Enclosure 2. Item 6 of Enclosure 2 does not apply to the Indian Point site since the Indian Point meteorological measurements program meets the recommendations and intent of Regulatory Guide 1.23. The other two items request effluent release data from previous reactor operation. Considering the shutdown status of Indian Point Unit No. 1 and the relatively short operating periods for Indian Point Unit Nos. 2 and 3, previous effluent release data are not considered to be representative of the long-term conditions at the site. Therefore, such data are not included with the present submittal.

Very truly yours,


William J. Cahill, Jr.
Vice President

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Copy to: Mr. George T. Berry
General Manager and Chief Engineer
Power Authority of the State of New York
10 Columbus Circle
New York, New York 10019