

UNITED STATES  
ATOMIC ENERGY COMMISSION

WASHINGTON, D.C. 20545

FEB 3 1971

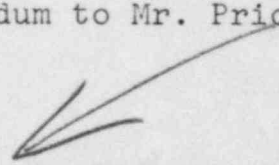
J. B. Knotts, Attorney, Office of the General Counsel  
P. A. Morris, Director, Division of Reactor Licensing  
L. R. Rogers, Director, Division of Radiation Protection Standards

INQUIRY REPORT - INDIAN POINT 1

Reference: My memo to you subject as above dated 1/6/71

The conclusions for the subject report have been completed in draft and are attached for your review. I would appreciate an expeditious review and hope to get your comments by February 9. In order to save time and effort, we'll receive your comments in any way convenient to you, e.g., orally, in marginal notes, or marked up draft.

These conclusions have been concurred upon by the other agencies involved. As soon as we receive your comments, we plan to produce the total report (Volumes 1 and 2) in a final draft for transmittal to Mr. Price. At that time we shall seek your formal concurrence via the transmittal memorandum to Mr. Price.

  
A. Giambusso, Deputy Director  
Division of Compliance

Attachment:  
Draft Conclusions

cc w/encl  
L. D. Low, CO  
C. L. Henderson, DR  
C. K. Beck, DR  
M. M. Mann, DR  
S. H. Hanauer, DR

*This is almost incredibly verbose. These sections seem to me to belong in the various parts of the report, and a short (10 page or less, total) conclusions section should state the conclusions without all this backup material.*

*The one-page summary says very little, less than the rest of the document would seem to justify as a distillation of the conclusions.*

*Watch those dangling participles!*

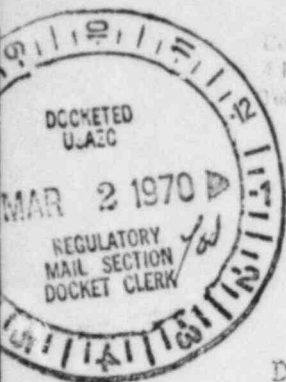
*SGH*

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William J. Carver, Jr.  
Vice President

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



Regulatory

February 13, 1970  
File Cy.

DOCKET NO.

50-3  
50-247  
50-286

Dr. Peter A. Morris, Director  
Division of Reactor Licensing  
United States Atomic Energy Commission  
Washington, D. C. 20545

Dear Dr. Morris

This letter is in reply to your letter of August 22, 1969 in which you requested a summary report on the programs which Consolidated Edison has carried out in response to recommendations made from time to time by the Fish and Wildlife Service.

Since 1958 Consolidated Edison has developed and conducted an environmental monitoring program which encompasses surveys of the facility site at Indian Point and which also includes the vicinity of the site. This program was instituted in cooperation with the United States Fish and Wildlife Service of the Department of the Interior, the New York State Conservation Department, the New York State Department of Health and other interested state agencies. This continuing program for radioactivity monitoring for Unit No. 1 has been carried out for the last twelve years. It also serves as a basis for the pre-operational surveys for Units 2 and 3 which are presently under construction. With the addition of these units to the site, the scope of the monitoring program has been expanded. The present status and extent of the program are more fully described in the Final Facility Description and Safety Analysis Report for Unit No. 2 in Docket No. 50-247; Volume 1, Section 2.9; Volume 5, Supplement 3 (November 1969) Question 11.11 and Volume 5, Supplement 5 (January 1970) Question 11.1. A short description is included in the Preliminary Facility Description and Safety Analysis Report in Docket No. 50-286, Volume 1, Section 1.9.

As you know, our Provisional Operating License (DPR-5) for Indian Point No. 1 requires that we submit to the Commission semiannually a report on the environmental radioactivity at Indian Point No. 1 and the vicinity surrounding that station. These reports have been submitted to the Commission during the last eight years. Your letter requests that any such reports over the last three years be sent to you. Accordingly, fifteen copies of these reports (starting with the August 1 1966 report) are being transmitted to you under separate cover. In addition to those reports, there are the following reports which we believe are also of interest to you:

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"Hudson River at Indian Point"; Quarterly Report;  
April 16, 1969-July 17, 1969.

"Hudson River at Indian Point"; Annual Report;  
April, 1968 to April, 1969.

"Ecological Survey of the Hudson River" Progress  
Report Number 2, December 20, 1966.

"Ecological Survey of the Hudson River" Progress  
Report Number 3, September 30, 1968.

Accordingly, fifteen copies of these reports are forwarded to you  
under separate cover.

On June 27, 1969 the Director of Regulation requested that we submit any reports which we might have on thermal studies which Consolidated Edison had prepared. In reply to Mr. Price's letter, Mr. Thomas Duncan, a Senior Vice President of this company, transmitted on July 8, 1969 five such reports. Fifteen copies of each of the reports mentioned in Mr. Duncan's letter are also transmitted to you under separate cover.

Prior to the transmission of the immediately aforementioned reports we conferred on May 15-16, 1968 and on April 2, 1969 with personnel from the Fish and Wildlife Service at the Alden Research Laboratory where the tests were being conducted. It was our impression that these representatives from the Department of the Interior were satisfied with these programs which were being conducted at Alden.

To assure that this fishery and ecological study is acceptable to all concerned, Consolidated Edison requested the formation of a Policy Committee composed of the interested state and federal agencies.

The Policy Committee members are Mr. Albert G. Hall, Director, Division of Fish and Game, New York State Conservation Department, Mr. Lester G. MacNamara, Director, Division of Fish and Game, New Jersey Department of Conservation and Economic Development, Mr. Theodore B. Bampton, Director, Connecticut State Board of Fisheries and Game, Mr. Richard E. Griffith, Regional Director, Bureau of Sport Fisheries and Wildlife, U.S. Department of the Interior and Mr. Russell T. Norris, Regional Director, Bureau of Commercial Fisheries, U.S. Department of the Interior. The Connecticut State Board of Fisheries and Game accepted the invitation to participate at all Policy Committee meetings to insure that Connecticut's interests are adequately served.

The Policy Committee prepared the study program, interviewed possible contractors and selected a contractor to perform the study. Consolidated Edison in turn entered into an agreement with the contractor for the performance of the study, under the direction of the Policy Committee. The Policy Committee relies upon its Technical Committee, which is composed of qualified biologists from the agencies involved, to handle the details of the study program, with the review and approval of the Policy Committee.





This committee approach to a biological study evolved from a similar program which had been proposed for our pumped storage plant at Cornwall. We believe this approach is unique and represents a good example of constructive cooperative effort between responsible governmental agencies on the one hand and a utility company on the other hand.

We are most interested in fully cooperating with all concerned in the protection of our environment and hope that this report is responsive to your needs.

Very truly yours,

William J. Cahill, Jr.  
Vice President



Encl. # 1

Indian Point Model Study Alden Res. Lab.  
Worcester Polytechnic Inst., CONED., Co. N.Y.  
March, 1969

Encl. # 2

Airborne Infrared Survey, Indian Point Area  
Hudson River, N.Y., CONED., Co., by Texas Instrument  
Incorporated, Dallas, Texas  
December, 1968

Encl. # 3

Institute of Environmental Medicine, Ecological  
Survey of the Hudson River, Progress Report # 3  
by New York University Medical Center, N.Y.  
September 30, 1968

Encl. # 4

Survey of Environmental Radioactivity in the  
Vicinity of Indian Point Station, CONED., Co., N.Y.  
February 1, 1966 through July 31, 1966, 3-20-66

Encl. # 5

Survey of Environmental Radioactivity in the  
Vicinity of Indian Point Station, CONED., Co., N.Y.  
August 1, 1966 thru January 31, 1967, 2-20-67

Encl. # 6

Survey of Environmental Radioactivity in the  
Vicinity of Indian Point Station, CONED., Co., N.Y.  
February 1, 1967 thru July 31, 1967, 8-18-67

Encl. # 7

Survey of Environmental Radioactivity in the  
Vicinity of Indian Point Station, CONED., Co., N.Y.  
August 1, 1967 thru January 31, 1968, 3-21-68

Encl. # 8

Survey of Environmental Radioactivity in the  
Vicinity of Indian Point Station, CONED., Co., N.Y.  
February 1, 1968 thru July 31, 1968, 8-1-68

Encl. # 9

Survey of Environmental Radioactivity in the  
Vicinity of Indian Point Station, CONED., Co., N.Y.  
August 1, 1968 thru January 31, 1969

Encl. # 10

Hudson River at Indian Point CONED., Co. of N.Y.  
Contract No. 116 (N.Y.U.) Contract Period 4/16/69  
to 4/15/70 quarterly Report 4/16/69 to 7/17/69

Encl. # 11

Alden Res. Lab., Indian Point Cooling Water Studies  
Mdl. # 2 CONED., Co., N.Y., Worcester Polytechnic  
May 1969

Encl. # 12

Effect of Indian Point Cooling Water Discharge on  
Hudson River Temperature Distribution, CONED., Co.  
of N.Y., Inc., Rev. Rpt. January, 1968  
February, 1969

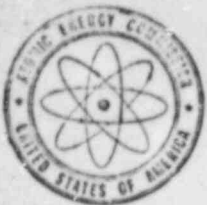
Encl. # 13

Inst. of Environmental Medicine, Ecological Survey  
of the Hudson River, Progress Rpt. # 2, N.Y.U.  
Medical Center, N.Y., December 20, 1966

Encl. # 14

Hud. River Ind. Point, CONN., Co., period 4/16/68  
to 4/15/70 Qtrly Rpt. 1/17/69 to 4/15/69 Ann. Rpt.  
4/16/68 to 4/15/69 April 1968 - April 1969

*Enclosures  
in 2 binders*



50-247

UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

August 22, 1969

Gentlemen:

In the course of proceedings leading to issuance of your construction permit, we transmitted to you the comments and recommendations of the United States Fish and Wildlife Service regarding the radiological environmental program for your nuclear reactor station. Included were recommendations of the Service regarding the preparation of preoperational and operational environmental radiological survey reports and the furnishing of copies of these reports to the Service. Other construction permit holders have received similar recommendations and requests for reports.

This is to request a summary report on the programs that have been carried out in response to the recommendations by the Fish and Wildlife Service, and in those cases where results of studies or surveys are available, copies of the actual reports. In addition, the Fish and Wildlife Service has requested that we send to them copies of all survey and study reports issued during the past three years on radiological monitoring of the aquatic environment near nuclear power and fuel reprocessing plants. Fifteen copies of all reports are needed for distribution within AEC and Fish and Wildlife Service. If this number of copies of the survey or study reports is not conveniently available, please let us know.

In addition to providing the radiological environmental monitoring program results, please indicate any measures you have taken to comply with other recommendations of the Fish and Wildlife Service. Those aspects addressed in response to Mr. Price's letter of June 27, 1969, on thermal effects may be included by reference.

Sincerely,

*Peter A. Morris*  
for Peter A. Morris, Director  
Division of Reactor Licensing

Addressees on attached list (3c)

L for Gen Ed, related only to IP-2 & IP-3

D.P.C.  
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