

# Natural Resources Defense Council, Inc.

36 WEST 44TH STREET, NEW YORK, N.Y. 10036

212 986-8310

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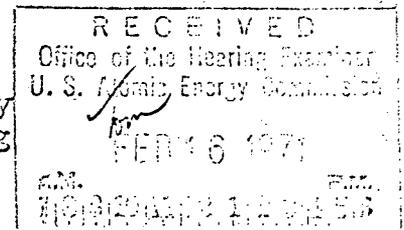
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February 11, 1971

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RE: Consolidated Edison  
Company of New York, Inc.

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

Gentlemen:

I must apologize for my negligence in failing to send you a copy of the questions which I presented to the applicant and the Atomic Energy Commission staff on February 1st on behalf of the Hudson River Fishermen's Association.

Questions 11 and 12 and Production Request 11 were directed to the A.E.C. staff, the remainder of the Questions and Production Requests were directed to the Applicant.

Please accept my apologies for this tardiness.

Yours sincerely,

*Angus Macbeth*  
Angus Macbeth

8110310281 710211  
PDR ADOCK 05000247  
G PDR

AM/maw  
Enclosure

ROUND ONE QUESTIONS WITH RESPECT

TO INDIAN POINT NO. 2

RECEIVED  
Office of the Hearing Process  
U. S. Atomic Energy Commission  
FEB 16 1971

1. Describe present environmental monitoring program at Indian Point in detail.
2. a. Will the record described in FSAR 12.4 be available to the public?  
b. If so, how soon after the entries are made will they be available, and where will they be made available?
3. Describe the monitoring system in the discharge lines mentioned in the Summary of Application at 26.
4. a. Describe as specifically as possible what plans for action exist should the level of radioactive waste in the discharge lines increase above the level ordinarily expected.  
b. Describe at what level of waste discharge each type of action would be initiated.
- 5.a. Describe conditions in performance of fuel and plant components and systems which would produce higher liquid effluents than those in <sup>the</sup> in-chart occurring at p. 18 of Applicant's Environmental Report - Operating License Stage.  
b. Describe the relation between changes in fuel performance, plant components and systems and increased radioactive effluent in the river.  
c. What is the probability of such conditions occurring?

6. Describe the administrative procedures which will control the manner in which gaseous and liquid effluents are released.
7.
  - a. Will any of the solid radioactive wastes be moved by water transport?
  - b. If so, what are the worst results which could occur from an accident during transport?
  - c. What precautions have been taken to avoid such an accident?
  - d. Describe the safety mechanisms involved in 7c.
8. Document the liquid radioactivity discharges as suggested by the Department of Health, Education and Welfare.
9. Describe or produce any studies done by you or for you or upon which you rely which relate the increase in manganese-54 in aquatic vegetation and/or fish to radiological discharges.
10. What arrangements have been made to bring to the attention of the public any changes in the current procedures for packaging, transporting and disposing of solid waste from Indian Point?
11. Relate the results of any studies produced under the 11th Request for Production to the ordinary and the maximum levels of radio-active discharge from the Indian Point plants.

12. a. Have you, your staff, or any of your consultants read the findings and studies of G.G. Polikarpov on radiological effects on fish in the Irish Sea, N.Y. Times, July 1, 1970?
- b. Is any comment, study or report available on the findings of G.G. Polikarpov on the effects of radioactivity in the fish, aquatic life and aquatic vegetation in the Irish Sea?
- c. If such comment, study or report is available, please produce such document.
- d. If known to you, relate the findings of G.G. Polikarpov to the ordinary level and to the maximum level of radioactive discharge expected from the Indian Point plants.

RECEIVED  
Office of the Board of Health  
U. S. Public Health Commission  
FEB 18 1966  
INDIAN POINT

FOUND ONE REQUESTS FOR DOCUMENTS  
WITH RESPECT TO INDIAN POINT NO. 2

1. Produce Consolidated Edison Indian Point Reactor, Post Operational Survey, August 1965, Division of Environmental Health Services, New York State Department of Health.
2. Produce Consolidated Edison Indian Point Reactor, Environmental and Post Operational Survey, July, 1966, Division of Environmental Health Services, New York State Department of Health.
3. Produce Ecological Survey of the Hudson River: Progress Report No. 2, submitted to Division of Radiological Health, U.S.P.H.S., by New York University Medical Center Institute of Environmental Medicine.
4. Produce Radioactivity in the Hudson River, Symposium on Hudson River Ecology held October 4-5, 1966, Hudson River Valley Commission of New York.
5. Produce all surveys of radioactivity at Indian Point contained in AEC Docket 50-3.
6. Produce river diffusion analysis referred to at F.S.A.R. 14.2.2-2.
7. Produce reports of all investigations which indicate that chemical and radioactive discharges from the plant are not contributing factors in harming fish as stated at p. 27 of Applicant's Environmental Report - Operating License Stage.

8. Produce ecological study conducted by the Institute of Environmental Medicine of New York University mentioned at p. 48 of Applicant's Environmental Report - Operating License Stage.
9. Describe the exact scope of the study being made by Bechtel Corporation, mentioned at p. 49 of Applicant's Environmental Report - Operating License Stage, and produce any results presently in the hands of the applicant.
10. Produce detailed results of environmental monitoring program which refer to fresh water, river water, river sediments, fish and aquatic vegetation, mentioned in Applicant's Environmental Report - Operating License Stage at p. 44.
11. Produce all studies undertaken which indicate the effect of radiation on fish, aquatic life and aquatic vegetation.