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Natural Resources Defense Council, Inc.

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NEW YORK, N.Y. 10036

212 986-8310

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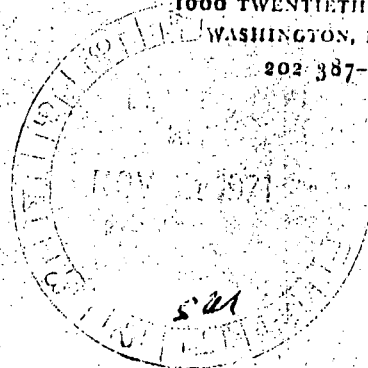
Dr. George M. Woodwell

Edwin M. Zimmerman, Esq.

October 29, 1971

Myron Karman, Esq.
Counsel, Regulatory Staff
U.S. Atomic Energy Commission
Washington, D.C. 20545

In re: Consolidated Edison Company of New
York (Indian Point Unit No. 2)
Docket No. 50-247



John H. Adams, Esq.

Executive Director

Dear Mr. Karman:

I enclose copies of Set III of inquiries to
Consolidated Edison.

In accordance with the usual procedure, I
request that the Staff comment on the responses
that are received from Consolidated Edison. I
hope for your full cooperation in meeting the
expedited schedule in this proceeding.

Anthony Z. Roisman, on behalf of EDF, joins
me in these requests.

Yours sincerely,

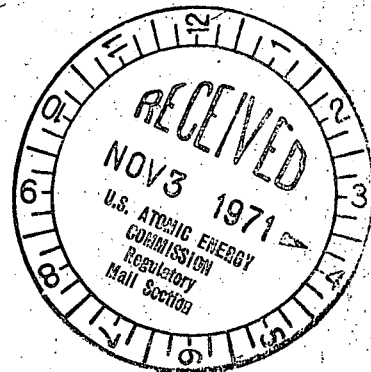
Angus Macbeth

AM/js

Enclosures

cc:

Mr. Stanley T. Robinson, Jr. ✓
Samuel W. Jensch, Esq.
J. Bruce MacKonald, Esq.
Leonard M. Trosten, Esq.
Anthony Z. Roisman, Esq.
Mr. R.B. Briggs
Honorable William J. Burke
Dr. John C. Geyer



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hearing

Natural Resources Defense Council, Inc.

TEL. FAC. 50-247

36 WEST 44TH STREET
NEW YORK, N.Y. 10036
212 986-8310

October 29, 1971

Washington Office
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Leonard M. Trosten, Esq.
LeBoeuf, Lamb, Leiby & MacRae
1821 Jefferson Place, N.W.
Washington, D.C. 20036

In re: Consolidated Edison Company of New
York (Indian Point Unit No. 2)
Docket No. 50-247

Dear Mr. Trosten:

I enclose Set III of inquiries to Consolidated Edison to which we request a response in writing.

The orderly progress of these expedited hearings require speedy and complete answers from Consolidated Edison on the questions and requests put to them. I hope for your full cooperation on this matter.

Anthony Z. Roisman, on behalf of EDF, joins me in these requests.

Yours sincerely,

Angus Macbeth
Angus Macbeth

AM/js
Enclosures
cc:

Mr. Stanley T. Robinson, Jr.
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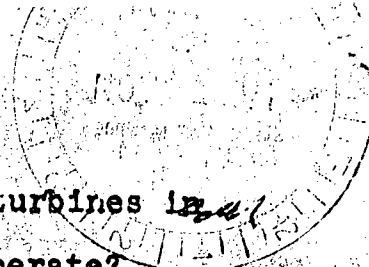
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John H. Adams, Esq.
Executive Director

Set III

PROD. & UTIL. TAG. 50-247



- 1) What is the back pressure range over which the turbines in Indian Point Units No. 1, 2 and 3 are designed to operate?
- 2) What is the maximum back pressure at which the turbines in Indian Point Units No. 1, 2 and 3 can operate continuously?
- 3) Indicate the relationship between generating capacity and back pressure for Indian Point Units No. 1, 2 and 3; a graphic representation would be most useful.
- 4a) To what extent can the existing turbines be modified to operate at higher back pressures?
 - b) To what back pressures can the turbines be modified to operate?
 - c) What is the estimated cost of such modifications?
- 5) With reference to ERS 2.5-12, indicate evidentiary or opinion support for statement that cooling towers will cause
 - a) a fogging problem, b) saline drift problem.
- 6) With reference to ERS 2.15-13, indicate evidentiary or opinion support for the statement that spray ponds will cause
 - a) a fogging problem, b) a drift problem.
- 7a) Has Con Edison investigated the several methods currently available for abatement of drift and fog?
 - b) If so, indicate result of investigation.
- 8) With reference to ERS 2.3.6-28, indicate schedule for construction of proposed new intake channel and screen structure.

9) To what extent will ice formation in the Hudson be abated by the thermal effluent from a) Indian Point Unit No. 1 and 2, b) Indian Point Unit No. 1, 2, and 3?

10a) What head of water are the intake pumps for i) Indian Point Unit No. 1, ii) Indian Point Unit No. 2, iii) Indian Point Unit No. 3 designed to handle?

b) What head of water can the intake pumps for i) Indian Point Unit No. 1, ii) Indian Point Unit No. 2, iii) Indian Point Unit No. 3 be modified to handle?

c) If no modification is possible, indicate why that is so.