

MAY 16 1974

Docket file
58-306

Harold R. Denton, Assistant Director for Site Safety, L

TAR ON INDIAN POINT 3

The enclosed TAR is difficult to interpret; the target date for completion is June 14, 1974; yet the last paragraph discusses review of data reports that are expected over the next several years. In any event, the request is unrealistic in light of the extensive review time that would be required. Further, the issues at Indian Point include hydrology and ecosystem modeling as well as aquatic biology, and J. Bolen should have support in these areas.

If the decision is made to support the ORNL team, I recommend that we limit our participation to the following:

- a. Establish a review team that includes a hydrologist (probably Overstreet due to the estuarine circulation aspects), Bolen, C. Billups.
- b. Meet at an early date with the lab team to review available data and reach an agreement on their analytical approach.
- c. Review and comment on the preliminary lab results before issuance of the FES.

It turns out that Phil Goodyear, the Indian Point 2 Modeler, has left ORNL. The new team includes W. Van Winkle, who is working on a different population dynamic model. This model may produce results that differ from the Indian Point 2 results. Informal discussions with Van Winkle indicate that he would welcome our participation. However, I believe we should not conduct an independent analysis of impacts.

With regard to hearings and preparation of testimony, I believe the team that does the analysis can best defend the results. Thus, unless our staff is actually preparing FES input, we should limit our efforts in this area to cursory review.

Original signed by Ronald L. Ballard

Ronald L. Ballard, Chief
Environmental Specialists Branch
Directorate of Licensing

me

Enclosure:

As stated

OFFICE

CC:

See next page.

SURNAME

DATE

Harold R. Denton

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MAY 16 1974

cc: w/enclosure
W. Gammill
R. Ballard
R. Overstreet
C. Billups
J. Bolen
H. Berkson

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J. M. Hendrie, Deputy Director for Technical Review, L

TECHNICAL ASSISTANCE REQUEST - INDIAN POINT UNIT NO. 3

Your assistance is requested for the following:

- a. Plant Name: Indian Point Unit No. 3
- b. Licensing Stage: OL
- c. Docket No. 50-286
- d. Responsible Branch: Environmental Projects Branch No. 1
- e. Responsible EPM: Mary Jane Oestmann
- f. Technical Review Branch Involved: Environmental Specialists Branch
J. Bolen, Environmental Analyst
- g. Target Date for Completion: June 14, 1974
- h. Discription of Request:

Please review the enclosed list of reports (Enclosure I) on ecological studies which have been submitted by Consolidated Edison; assist the ORNL team in the assessment of the data and information presented in the reports and help to prepare testimony on the subject material for the ASLB hearings for Indian Point, Unit No. 3. The information in the reports should be compared with the previous data and information on the Hudson River ecological studies conducted by consultants for Con Ed as discussed and described in the FES for Unit No. 2 and the DES for Unit No. 3.

Consolidated Edison has submitted the enclosed list of ecological survey reports (Enclosure I) partially in compliance with the Environmental Technical Specifications and partially in support of Con Ed's position taken in the IP-2 hearings and also will continue to be taken in the IP-3 hearings. J. Bolen, ESB, has copies of the reports in Enclosure I. Con Ed will also continue to submit additional

J. M. Hendrie

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ecological reports (Enclosure 2) over the next several years with the purpose to prove that there will be insignificant ecological damage from once-through cooling, and, therefore, cooling towers are not warranted. The Regulatory staff will need to provide testimony for the hearing for IP-3 regarding the staff's position on the significance of the information. Thus, EPB-1 will need supporting assistance in the assessment of the data and coordination with that made by the ORNL team.

Original signed by Daniel R. Muller
Daniel R. Muller, Assistant Director
for Environmental Projects
Directorate of Licensing

Enclosures:
As stated

OFFICE >	EP-1	EP-1	EP-1			
SURNAME >	MJOestmann:mh	CWKnighton	DRMuller			
DATE >	5/2/74	5/10/74	5/10/74			

CONSOLIDATED EDISON ECOLOGICAL STUDIES

I. Texas Instruments Reports

Hudson River Ecological Study in the Area of Indian Point.

- A. First Semiannual Report, July 1972
 - Vol. 1 Biological Sampling
 - Vol. 2 Standard Procedures
- B. First Annual Report, April 1973
- C. Second Semiannual Report, November 1973
- D. Vol. I - 1973 Hudson River Program - Fisheries Data Summary, May - July (dated Oct. 1973)
- E. Vol. II - 1973 Hudson River Program - Fisheries Data Summary July - November (dated Dec. 31, 1973)
- F. Vol. III - Fisheries Survey of the Hudson River - March - July 1973 (dated November 1973)
- G. Vol. IV - Fisheries Survey of the Hudson River - March - December 1973
- H. Evaluation of High Frequency Sonar for Fish Counting and Relative Biomass Estimation in the Lower Hudson Estuary.
- I. NYU - Institute of Environmental Medicine - Hudson River Ecosystem Studies - Progress Report for 1971 and 1972 and Appendix Tables for 1971 and 1972.

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