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Docket No. 50-286

OCT 18 1974

Mr. James L. Taylor
Program Manager
Texas Instruments, Inc.
P. O. Box 237
Buchanan, New York 10511

Dear Mr. Taylor:

In response to your request of September 25, 1974, I am providing you an enclosed photograph of the intake-discharge structure at the Indian Point Plants on the Hudson River. The photograph will appear in the Final Environmental Statement for Indian Point Unit No. 3.

If we can be of further service, please feel free to contact us.

Sincerely,

Original signed by
George W. Knighton

George W. Knighton, Chief
Environmental Projects Branch No. 1
Directorate of Licensing

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Docket Nos. 50-3
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Mr. William J. Cahill, Jr.
Vice President
Consolidated Edison Company
of New York, Inc.
4 Irving Place
New York, New York 10003

Dear Mr. Cahill:

In reference to your letter of August 30, 1974, you requested confirmation of a change in the proposed Environmental Technical Specification Requirements for once-through cooling for three unit operations.

In regards to determining the AT across the circulating water system, we will require that there will be individual thermal probes which will measure the temperature of the intake water for each unit. These individual temperatures will be recorded, from which the average intake temperature will be calculated. The AT across the circulating water system will be calculated by subtracting the average intake temperature from the measured discharge canal temperature. At the same time the operating power level of each unit and the flow rate through the circulating water system will be measured and recorded. From the calculated AT and the total flow rate through the circulating water system, the heat rejection rate can be determined as discussed in Section 2.1.3 of the ETSR. The heat rejection rate must be known to determine the dispersion of the thermal discharge into the river in accordance with the thermal models.

We hope this clarifies the method of determining the AT across the once-through cooling system. If you have any questions, please contact M. J. Oestmann, AEC Environmental Project Manager, (301 443-6951).

Sincerely,

Original signed by
George W. Knighton

George W. Knighton, Chief
Environmental Projects Branch No. 1
Directorate of Licensing

cc: See page 2

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OCT 15 1974

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October 7, 1974

Docket No. 50-286

Mr. Carl Rose
EGG
151 Bear Hill Road
Waltham, Mass. 02154

Subject: INDIAN POINT NUCLEAR GENERATING PLANT UNIT NO. 3
(CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.)

The following documents concerning our review of the subject facility are transmitted for your information:

- Notice of Receipt of Application.
- Draft Environmental Statement, dated October 1973.
- Final Environmental Statement, dated _____.
- Safety Evaluation, or Supplement No. _____, dated _____.
- Notice of Hearing on Application for Construction Permit.
- Notice of Consideration of Issuance of Facility Operating License.
- Application and Safety Analysis Report, Vol. _____.
- Amendment No. _____ to Application/SAR, dated _____.
- Construction Permit No. CPPR- _____, dated _____.
- Facility Operating License No. DPR- _____, dated _____.
- Technical Specifications, or Change No. _____, dated _____.
- Other: _____.

Directorate of Licensing

Enclosures:
As stated

cc:

MSlater

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DATE ▶	10/7/74					