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August 5, 1966

NOTE FOR MR. PRICE

The attached note to me from John Newell re radiological monitoring of marine life in the Hudson River by Con Ed is forwarded for your information. I have also provided Dr. Beck a copy.

John Newell will call Rice on August 8 to try to set up a meeting for that week between regulatory staff, Rice, Hooper of B&M and Gerry Davis presently detailed to the President's Science Advisory Committee, re recommendations for ecological studies.

I am sure that you would want Dr. Beck to sit in on this meeting; accordingly, you might wish to have Vi pass-on to Western and Newell a date which is convenient and open.

C. L. Henderson

*Vi forward to  
sit in on this mtg  
I know C.L.H.*

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Fish & Wildlife

Note to Chris Henderson from John Newell - 7/28/66

Ed Case asked me to provide the following information regarding radiological monitoring of marine life in the Hudson River by Con Ed.

1. Comments were not requested from the Fish & Wildlife Service on Con Ed No. 1, since arrangements with the F&WL for such comments were made after Con Ed No. 1 was in operation.
2. Con Ed carried out a pre-operational environmental survey program beginning in 1958 which included among other things analysis of Hudson River Water samples on a weekly basis and of one marine life sample (a crab or a fish) collected at Indian Point on a monthly basis. The program has continued since Con Ed 1 was placed in operation in 1962.
3. In the Safety Analysis Report for Plant No. 2, Con Ed states that one marine life sample collected in the vicinity of Indian Point will be analyzed on a monthly basis, which is the same as for Con Ed 1.
4. The F&WL Service Comments (Dr. Ted Rice's comments) conclude that the Indian Point Nuclear Generating Unit No. 2 can be operated without harmful effects to the fisheries provided that the findings of the radiological monitoring program are used to govern the discharge of radioactive material. He then lists the following recommendations:
  - a. That ecological surveys be initiated as soon as possible and continued on a regular basis to determine the effects of reactor effluents on plant and animal communities.

- b. That the radiological monitoring program be conducted on a quarterly basis and include representatives of the ecologically important groups of aquatic organisms and sediments.
  - c. That hydrology studies in the vicinity of the plant be continued on a regular basis to provide necessary data on water flow for use in calculating dilution and dispersion of radioactive materials.
  - d. That consideration be given to the combined effects of effluent discharge from all existing and planned reactors along the shores of the Hudson River.
  - e. And that the Radiobiological Laboratory be placed on the distribution list to receive copies of the survey and monitoring reports for review in determining whether or not unsafe levels of radioactivity have been found in the water, sediments, or biota.
5. With respect to our conversation this morning I attempted to get in touch with Ted Rice, but learned that he is on vacation through August 5, 1966, therefore we will not be able to arrange a meeting on August 8, 1966. I will call Ted on August 8, and arrange for a date as early as possible. Would you let me know if this is satisfactory?

