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U. S. NAVAL RADIOLOGICAL DEFENSE LABORATORY

AIRMAIL

SAN FRANCISCO 24, CALIFORNIA

~~SECRET - RESTRICTED DATA~~

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Mr. Merrill Eisenbud
Director, Health and Safety Division
New York Operations Office
U. S. Atomic Energy Commission
P. O. Box 30, Ansonia Station
New York 23, New York

Dear Mr. Eisenbud:

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
SINGLE REVIEW AUTHORIZED BY: <u>A. A. SINGALLI</u>	DETERMINATION (CIRCLE NUMBER(S)) 1. CLASSIFICATION RETAINED 2. CLASSIFICATION CHANGED TO: 3. CONTAINS NO DOE CLASSIFIED INFO 4. COORDINATE WITH: 5. CLASSIFICATION CANCELLED 6. CLASSIFIED INFO BRACKETED 7. OTHER (SPECIFY):
REVIEWER (ADD): <u>11-2-94</u>	
NAME: <u>PRXO</u>	
DATE: <u>11-5-94</u>	

This letter is in response to a letter from Dr. Claus, Director, Biophysics Branch, Division of Biology and Medicine, USAEC, Washington, D. C., of May 21, 1954, referring to data from the sea water samples at the CASTLE Operation.

You may rest assured that the information you seek will be made available at the earliest possible moment, as both the USNRDL and AFSWP are extremely interested in the correlation between activity concentrations and the readings from an aircraft. The Headquarters, AFSWP, will be kept current with data on the analyses from this Laboratory as it develops, and this information may be obtained from them.

However, both Dr. Revelle of SIO and I are of the opinion that until the activity data are combined with the oceanographic data and conclusions drawn as to the width and depth of the pattern as well as the activity concentrations as a function of time, the correlation in which you are interested cannot be done reliably. This information will be published in the final report, and we see no realistic way to get it much earlier than that time.

Dr. Claus suggested that the NYOO would be interested in cross-checking some of the analyses. If the New York Laboratory would care to drop us a line as to what activity ranges and/or locations would be of greatest interest to them, we will be glad to send them any materials not required for the USNRDL and SIO measurements.

Incidentally, I would like to acknowledge with thanks the receipt of the remaining samples from Shot Nectar which were sent to us by the NYOO. They arrived here last Sunday night.

I trust the interim information which is available at AFSWP will fulfill your needs for rapid information. I would like to request, also, that this Laboratory be included on the distribution of your report on the correlation between air monitoring and the activity concentrations in water.

Very truly yours,

MEDICINE, HEALTH & SAFETY

PAUL C. TOMPKINS
Scientific Director

This document consists of 1 pages.
This is copy 4 of 5 Series.

Copy to:
Ch, AFSWP (Dr. Seoville)
SIO (Dr. Revelle)
USAEC, (Dr. Claus)

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