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Admiral Arthur W. Radford
Commander in Chief, Pacific
Pearl Harbor, Honolulu
Hawaii

This document is defined
in [redacted] as
or [redacted] [redacted]
to [redacted] [redacted] [redacted]

Dear Admiral Radford:

Herewith are enclosed two copies of Report WFO-4522 giving the results of the work of the Health and Safety Laboratory of the New York Operations Office on measuring the fallout from IVY in various parts of the world. As you will recall, this Division undertook the responsibility for documentation of the fallout over the territories within your Command and sponsored the development by the staff of the Health and Safety Laboratory of new instruments which made possible a rapid and accurate aerial survey technique. The three mobile teams supported by your office were able to make an effective coverage of the entire Pacific Area.

The scientific information yielded by these new and highly efficient aerial survey techniques has been valuable not only for its pertinence to many of our military problems, but also as sound documentation of the events in the numerous islands for which your Command carries a responsibility. Since studies of these problems, but of a higher order of magnitude, will be presented by OPERATION CASTLE, it seems essential to make the technical facilities of the New York Operations Office again available for this type of survey. With the time available, it should be possible to institute a special training course of Naval personnel for the execution of the operation. We will be pleased to undertake such special instruction in the equipments and methods of this type of survey at any station you may designate. We can also undertake to provide and maintain the survey sampling equipment and can continue to conduct the actual analyses and statistical summaries at the New York Operations Office as heretofore.

In order to provide time for proper planning of the study, it would be desirable to arrange for early discussions with your staff, and I will welcome your suggestions for a time and place of meeting for this purpose.

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Admiral Radford

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May 15, 1953

May I again express my appreciation for the splendid cooperation and interest on the part of your staff and by the Naval Squadrons which supported our missions on Oahu, Wajalein and Guam.

Sincerely yours,

John C. Bugher, M.D.
Director
Division of Biology and Medicine

cc: Gen. Clarkson, JTF-7
Gen. Fields, DMA
M. Eisenbud, NYOO
M. Salisbury, DIS

BUGHER/fd

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