

Paul B. Pearson, Chief, Biology Branch,  
Division of Biology and Medicine, Washington

September 21, 1954

John H. Harley, Chief, Analytical Branch, Health and  
Safety Laboratory, New York

SAMPLES TO BE TAKEN IN THE MARSHALLS

SYMBOL HSA/JHH

We would like to obtain samples of soil, foodstuffs and water from Rongelap, Utrik and Eniola as representative areas for three levels of fallout.

The following samples are requested:

1. Soil

Three locations on each of the islands—the soil to be taken over an area of one square foot. This should be divided into two parts, the top inch and the next five inches. If there is a covering of dead vegetation, it should be taken as the top inch sample. If it is not possible to go down to a six inch depth, this should be noted on the sample.

This will give 18 samples; three islands, three locations each and two depths.

2. Foodstuffs

One quart samples of jugeroo from two locations on each island.

Two coconuts from each of two locations and one pandanus from each of two locations. If available, single samples of other foodstuffs, such as arrow-root, are desired.

3. Water

5-gallon samples of drinking water from two or three of the major sources of drinking water on each island are required.

Paul B. Pearson

- 2 -

September 21, 1954

It may be necessary to modify the number of samples to fit conditions, but this is a general requirement as to quantity and type of material. The samples should be coded as to island, location and date of sampling, and it would be preferable if a sketch map could be included to aid in sampling the same location in the future.

All samples should be shipped to the following address:

U. S. Atomic Energy Commission  
New York Operations Office  
Health and Safety Laboratory - 4th Floor  
107 West 62nd Street  
New York 23, New York

Attention: John H. Harley

5002396