

UNIVERSITY OF WASHINGTON
 APPLIED FISHERIES LABORATORY
 FISHERIES CENTER
 SEATTLE 5, WASHINGTON

400268

April 11, 1956

Pt is only

Dr. John H. Harley, Chief
 Analytical Branch
 Health and Safety Laboratory
 U.S. Atomic Energy Commission
 New York Operations Office
 70 Columbus Avenue
 New York 23, New York

Dear Dr. Harley:

At the request of Dr. W. R. Boss, Division of Biology and Medicine we are sending you ten (10) additional samples of material collected at various locations in the Marshall Islands. Some of this material is the remainder of our portion of material divided with your laboratory. For convenience in checking the material, we are enclosing copies of A. H. Seymour's letters of October 26 and November 9, 1955.

The following list gives the pertinent information on the samples:

Sample Number	Island	Date	Organism	Tissue	Weight in grams	Conversion factor to obtain X by
881-4	Enibuk	10/23/55	Tridacna clam	Mantle & Muscle	49* wet	1
838-9 *	Kabelle	10/21/55	Sea cucumber	Muscle + integument	20.4 dry	6.5
869-70	Rongelap	10/22/55	Tridacna	Muscle	12.4 dry	7.6
A-165B ✓	Kabelle-Labaredj	10/21/55	Dogtooth tuna	Bone	13.8 ash	4.3
A-165 ✓	Kabelle-Labaredj	10/21/55	Dogtooth tuna	Muscle	185 dry	4.8
18595	Bikini	11/2, 55	Pandanus	Fruit	6.4 ash	68
A-30 ✓	Rongelap-Kabelle Labaredj	10/21/55	Coconut	Meat	5.0 ash	63
A-45 *	Rongelap	10/22/55	Papaya	Fruit	7.6 ash	168
18395	Bikini	10/20/55	Papaya	Fruit (meat)	10.2 ash	82
2344A	Rongelap	12/8/54	Squash	Fruit (meat)	1.53 ash	186

* Has been oven-dried; dry weight not taken

If we may be of further aid, don't hesitate to call on us.

Sincerely,
Lauren R. Donaldson
 Lauren R. Donaldson
 Director

5002357

LRD:gb
 cc: Dr. Chas. Dunham
 Dr. W. R. Boss

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