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September 9, 1954

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Biophysics Branch, Division of Biology and Medicine

REQUIREMENTS FOR RE-SURVEY OF PACIFIC ISLANDS

SYMBOL: BMBP:GMD

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The requirements listed below are exclusive of those suggested by the Biology Branch.

All of the islands indicated have been entered during and/or after the spring tests. However, it should be pointed out that it is extremely difficult to land on many of the islands. It required the logistic support of a task force with its variety of landing craft and also the skill of many sailors to land a party.

DOSE RATE READINGS:

Dose rate readings from each of the following islands would be desired. Directions to find specific areas to be monitored on certain of these islands can be furnished.

Instruments should consist of ionization chambers AM/PIR-39 or its equivalent and Geiger-Mueller survey instruments, Beckman MX-5 or its equivalent. At least three instruments of any one type should be used for cross check. All meters should be calibrated within a week of the time of their use. The meters should be held at a height of three feet above the ground and any deviation from this position for a specific measurement should be recorded. The dose rate readings should be in units of mr/hr.

Rongerik Atoll

Eniwetak Is.  
Rongerik "  
Mortlock "  
Latoback "  
Bock "

Bikar Atoll  
Bikar Is.

Rongelap Atoll

Rongelap Is.  
Boseh "  
Enialo "  
Eniaetok "  
Erapuotsu "  
Anidjet "  
Kabelle "  
Erurippu "  
Lukuen "  
Gejen "  
Lomuilal "  
Arrik "  
Naen "  
Eniran "  
Arguar "

Ailinginae Atoll

Bokonikaiaru Is.  
Sifo "  
Enibuk "

Utirik Atoll

Utirik Is.  
Aon "

CLASSIFICATION CANCELLED  
BY AUTHORITY OF DOE/OC

CARL Wilson 11-1-84  
REVIEWED BY DATE

J. DIAZ 8-7-85  
REVIEWED BY DATE

BY: DICK KOOGLE 7-19-87

MEDICINE, HEALTH & SAFETY

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DUNNING:GMD

9/9/54

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SOIL SAMPLES

Soil samples should be taken by outlining an area by means of a one-foot square templet and the collection made to a depth of 4 inches.

Again, more specific directions as to location on the islands can be given.

- Wotho Is.
- Rongelap Is.
- Eriirippu Is.
- Eniwetok Is.
- Kabelle Is.
- Utirik Is.
- Eniwetak Is.
- Sifo Is.
- Naen Is.

Additional samples if possible from:

- Likiep Is.
- Jemo Is.
- Ailuk Is.
- Mejuit Is.
- Ormed Is.
- Kaven Is.
- Bikar Is.

US DOE ARCHIVES 326 U.S. ATOMIC ENERGY COMMISSION	
RG	<u>DOE Historical (PBM)</u>
Collection	<u>1132</u>
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