

RG 326 US ATOMIC ENERGY  
COMMISSION

HEADQUARTERS  
JOINT TASK FORCE SEVEN  
APO 187 (HOW), c/o Postmaster  
San Francisco, California

407584

Location LANL

Collection H Div

Folder Pacific Proving  
Grounds, 1954-1955

19 April 1954

MEMORANDUM FOR RECORD

SUBJECT: Additional Ground and Air Radsafe Survey Data During Period BRAVO  
to BRAVO plus 5 Days

1. Following are readings from radsafe surveys during the period B to  
B plus 5 days:

a. Special ground surveys from PBA survey flight and DDE evacuation  
parties: (All times Zebra, March 1954.)

|                                  |        | Waist height on<br>AN/PIF T1B in mr/hr |
|----------------------------------|--------|--|
| Eniwetak Island (Rongerik Atoll) | 012315 | 2000                                   |
| Rongelap Island                  | 020645 | 1400                                   |
| Ailinginae Island                | 030445 | 445                                    |
| Utirik Atoll                     | 030145 | 160                                    |
| Eniaetok Island (Rongelap Atoll) | 020645 | 3000                                   |

b. NYOO ABLE, BAKER and CHARLIE flights originating from Kwajalein,  
flights GEORGE and ITEM originating from Oahu, flight EASY originating from  
Guam, and flight KING (Gilbert Islands), using special airborne (P2V) survey  
equipment (all times Zebra, March 1954, and readings extrapolated to the ground)

(1) NYOO Kwajalein Flight ABLE:

| <u>Atoll</u> | <u>DTG</u><br>(Zebra) | <u>Intensity</u><br>(mr/hr) | <u>Atoll</u> | <u>DTG</u><br>(Zebra) | <u>Intensity</u><br>(mr/hr) |
|--------------|-----------------------|-----------------------------|--------------|-----------------------|-----------------------------|
| Lae          | 020010                | .080                        | Ujae         | 020024                | .100                        |
| Wotho        | 020100                | 1.000                       | Ailinginae   | 020128                | 400.000                     |
| Rongelap     | 020140                | 1350.000                    | Rongerik     | 020200                | 1720.000                    |
| *Taongi      | 020325                | 1.400                       | *Bikar       | 020428                | 600.000                     |
| Utirik       | 020451                | 240.000                     | *Taka        | 020456                | 160.000                     |
| Ailuk        | 020516                | 76.000                      | Jemo         | 020528                | 18.000                      |
| Likiep       | 020540                | 6.000                       |              |                       |                             |

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LANL RC

\* uninhabited

Incl 3

CLASSIFICATION CANCELLED  
BY AUTHORITY OF DOE/OCX

REVIEWED BY *J. Diaz* 10/28/86  
\* Per DVA LTR (USCM) 4/25/86  
*Carroll* 3/24/87

