

~~SECURITY INFORMATION~~

LOS ALAMOS SCIENTIFIC LABORATORY
UNIVERSITY OF CALIFORNIA
LOS ALAMOS, NEW MEXICO

OFFICE MEMORANDUM

3569

TO : Commander, Task Group 7.1

DATE: 26 May 1953

FROM : Commander, TU-7, TG 7.1 126824

SUBJECT: RADIATION LEVELS, ENIWETOK ATOLL

SYMBOL: J-DO

~~THIS INFORMATION IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE BY THE FOLLOWING INDICATED DATE AND AUTHORITY~~

- 1. As of the 16th of May, 1953, the levels of radiological contamination from MIKE were as follows:

<u>Island</u>	<u>mr/hr</u>	<u>Island</u>	<u>mr/hr</u>
Alice	45	Irene	75
Belle	50	Janet (center)	42
Clara	55	" (s.tip)	34
Daisy	60	Ruby (camp)	1
Edna	125	Sally	14
Gene	190	Ursula	3 1/2
Helen	80		

- 2. These levels are single readings that may be considered as average. Some spots will be higher and some lower. Readings on Gene will vary from 120 to 400 mr/hr. A peculiarity to be noted is the fluctuation of readings with the disposition of the tide.
- 3. Decontamination measures have been completed at the camp site at Ursula. Six inches of coral sand has been placed over the contamination in the camp site. Readings in the tent area are now between 1/2 to 1 mr/hr. Readings in the uncovered area are between 3 and 4 mr/hr. A check with dosimeters in the tent area has revealed a daily exposure of 22 milliroentgens. This means that Holmes and Narver personnel would be receiving one half of a weeks permissible exposure by living in the area.

RG 326 US ATOMIC ENERGY

COMMISSION

Location

Collection RECORDS CENTER

Folder RADIOLGICAL SAFETY

Fallout Data & CAKCS

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John D. Servis
Commander, TU-7

Distribution:

- 1 - CTG 7.1
- 1 - J-3
- 1 - J-6
- 1 - J-Seq.
- 1 - J-Div.
- 1 - TU-7

Put with mike data.

~~SECURITY INFORMATION~~

CLASSIFICATION CANCELLED
BY AUTHORITY OF DOE/OC

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10/27/85
[Handwritten signature]
10/30/85

M-DRY

36

1-mile	10000	1500'	
	7000	500'	
3-mile	50000	150' (1500')	50'
3-mile	25000	1500'	25'
	7000	1500'	
9-mile	8000	25'	
	3	1200'	
11-mile	5000	25'	
	20	1200'	
11 1/2	6	1200'	
	5	25'	

M+1

1 1/4	16,000
3	14,000
2	16 -
3	19, -
3 1/2	13
4	12
5 1/2	10
6 1/2	10
7	4
7 1/2	3, 8
7.8	3

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Collection RECORDS CENTER

Folder RADIOLOGICAL SAFETY - FALLOUT DATA & CALC.

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