

~~SECURITY INFORMATION~~

3569

OFFICE MEMORANDUM

TO : Commander, Task Group 7.1

FROM : Commander, TU-7, TG 7.1 126824

SUBJECT: RADIATION LEVELS, ENIWETOK ATOLL

SYMBOL : J-DO

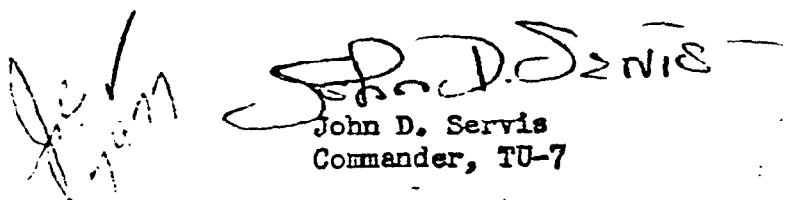
DATE: 26 May 1953

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

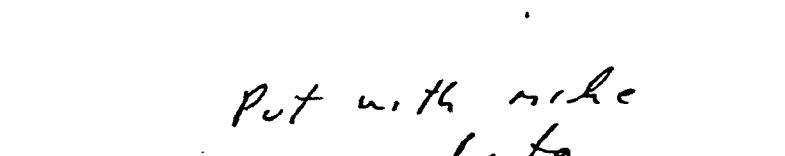
<u>Island</u>	<u>mr/hr</u>	<u>Island</u>	<u>mr/hr</u>
Alice	45	Irene	75
Belle	50	Janet (center)	42
Clara	55	" (s.tip)	34
Daisy	60	Ruby (camp)	1
Edna	125	Sally	14
Gene	190	Ursula	3½
Helen	80		

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 $\frac{1}{2}$ 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.


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



CLASSIFICATION CANCELLED
BY AUTHORITY OF DOE/OC

100-111-1045-1651
RECORDED
~~SECURITY INFORMATION~~ JES/ 10/30/85

ICG 326 US ATOMIC ENERGY
COMMISSION
Location LANL
Collection Records Center
Folder Radiological Safety
Fallout Data & Calc

Copied/DOE
LANL, J-Div.

M-Dry

36

1 - mile $\frac{R}{2}$ - 10000 at 1500'

10000 500'

3 - miles (high) 50000 150' (1500')

50'

2 - 2 miles 35000 1500'

25.

7000 1500'

9 - 1 mile 8000 35'

3 1200'

11 - Point 5000 25

20 1200'

6 1200'

5 25'

M+,

1 $\frac{1}{4}$

16,000

2

14,000

2

16 -

3

19. -

3 $\frac{1}{2}$

13

4

13

5 $\frac{1}{2}$

10

6 $\frac{1}{2}$

10

7

4

7.8 2,8

7.8 3

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COMMISSION

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FALLOUT DATA & CALC.