

[REDACTED]

UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON 25, D. C.

IN REPLY REFER TO:

MAT:NDG

410271

MEMORANDUM For Commissioner Libby

Subject: RADIATION LEVELS ON BIKINI ATOLL

The information requested by you at the October 26, 1954 Commission Meeting concerning radiation levels on Eninman Island is as follows:

- a. 600 mr/hr at edge of crater
- b. 20 mr/hr at west end of former campsite diminishing to 1 mr/hr at eastern end of island.

Known radiation levels on other Bikini Islands are as follows:

- Enirikku - average 5 mr/hr with maximum of 25 mr/hr
- Namu - average 90 mr/hr with maximum of 200 mr/hr
- Romurikku - average 3 mr/hr with maximum of 30 mr/hr

The above readings were taken during October 1954.

No readings taken on Bikini Island but the estimated average is 25 mr/hr.

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K. E. Fields

K. E. Fields
Brigadier General, USA
Director of Military Application

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