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MEMORANDUM FOR Dr. W. P. Libby

SUBJECT: Radiation Levels on Rongelap Island

In our Staff Paper AEC 125/30, dated February 6, 1957, concerning the return of the Rongelapese to their home island, we predicted ".....It is difficult to extrapolate precisely far into the future, but the data suggest that the gamma doses on Rongelap Island would not greatly exceed (if at all) 0.5 roentgens for the first year of reoccupancy, with lesser doses in subsequent years....."

On June 25, 1957, just prior to the actual return of the Rongelapese, a radiological survey was made of the gamma levels on Rongelap Island. These data were attached in the form of a memorandum with accompanying maps from Mr. Ernest Wynkoop to Dr. Gordon M. Dunning. You will note that the average gamma dose rate on the Island on June 25, 1957, was about 0.03 milliroentgens per hour (0.26 roentgens per year).

Since you have exhibited a manifest interest in this matter, the enclosed ~~is~~ forwarded for your information.

BEST AVAILABLE COPY

General Manager

Enclosures: (7)

Memo to GM Dunning from E Wynkoop,
dtd 6/27/57, subj: GAMMA RADIOLOGICAL SURVEY OF RONGELAP AND
AHEAETOK ISLANDS

~~2~~ Maps

Distribution: Gen. Mgr.

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7/18/88

INCOMPLETE DOCUMENT REFERENCE SHEET

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Pages missing _____

Enclosures missing _____

Memo to GM DUNNING
From E Wyckoff dated 6/27/57; 6 maps

Attachments missing _____

Other _____

Dick Koogse
signature

2-17-89
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