

## Office Memorandum • UNITED STATES GOVERNMENT

TO : Gordon Dunning, AEC, DBM, Washington 25, D.C. DATE: JUN 27 1957

FROM : Ernest Wynkoop, Chief, Eniwetok Branch, Test Div., EPG  
*Ernest Wynkoop*

SUBJECT: GAMMA RADIOLOGICAL SURVEY OF RONGELAP AND ANEAETOK ISLANDS

SYMBOL: ETE:EW:M-2255

*Maps locating stations are  
in map file*

A radiological survey team consisting of Henry P. Schlacks, AEC, Radiological Safety Assistant, Stan Curry, H&N Radiological Safety Officer, and two H&N monitors, surveyed Rongelap Island and Aneastok Island on June 25, 1957. The survey team was flown to Rongelap Atoll by a Navy UF-1.

All readings were made with M-5s at a height of three feet above the ground. The survey team did not have time to completely survey the dense jungle areas of the island. All living areas, main roads, and the fringe of the jungle were covered.

Rongelap island had a high reading of .13 mr/hr, an average of .03 mr/hr, and a low of .01 mr/hr.

Aneastok island had a high reading of .2 mr/hr, an average of .05 mr/hr, and a low of .01 mr/hr.

On sheets numbered J/S-47-002-C4 and J/S-47-002-C6, the caption, dirt road not surveyed, refers to an engineering survey.

EW:fvm

## Enclosures:

1. J/S-47-002-C1 (trip)
2. J/S-47-002-C2 (trip)
3. J/S-47-002-C3 (trip)
4. J/S-47-002-C4 (trip)
5. J/S-47-002-C5 (trip)
6. J/S-47-002-C6 (trip)

CC: Joe Sanders, ALOO (w/1 cy each)  
Chrono  
Central

*NMBS 4*