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FROM: **Indira Lakshmi**
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CLASSIFICATION: **TOP SECRET**

DESCRIPTION: (Must Be Unclassified)
CAYMAN ISLANDS SURVEY OF ROENTGEN RADIATION

ENCLOSURES: **map - C50**

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Gordon Dunning, AEC, DBM, Washington 25, D.C.

JUN 27 1957

Ernest Wynkoop, Chief, Eniwetok Branch, Test Div., EPG

GAMMA RADIOLOGICAL SURVEY OF RONGELAP AND ANEAETOK ISLANDS

SYMBOL: ETE:EW:M-2255

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 Aneaetok Island on June 25, 1957. The survey team was flown to Rongelap Atoll by a Navy UF-1.

All readings were made with MX-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.

Aneaetok 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)

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

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junk*

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