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FILM BADGE MEASUREMENT OF GAMMA EXPOSURE AT RONGELAP ATOLL

SYMBOL : ENR:RLT:M-777

Tabulated below are the data resulting from the project initiated during your December visit to the Pacific Proving Ground. The "measured mr gamma" column lists the exposure determined by photodosimetry; the "calculated mr gamma" column lists the exposure calculated from gamma dose rates determined with a Beckman MX-5 survey meter.

RONGELAP VILLAGE

Badges in place from 1600 8 Dec 1954 to 1130 18 Dec 1954  
(235.5 Hours)

<u>HEIGHT ABOVE SURFACE</u>	<u>MEASURED mr GAMMA</u>	<u>CALCULATED mr GAMMA</u>
Knee	200 200	283
Head	200 200	235
On Surface (Board Floor)	140 140	235
Knee	355 510	470
On Surface (Low Box)	75 75	165
On Surface (School Table)	140 200	353
Surface	200 160	235
Surface	305 305	400

20 374 DEFENSE NUCLEAR Agency

IN FOR WNRG

6A1524 Box 14

NATIVES 1956

CLASSIFICATION CANCELLED  
BY AUTHORITY OF DOE/OC

*J. Diaz* 12/12/89  
REVIEWED BY DATE

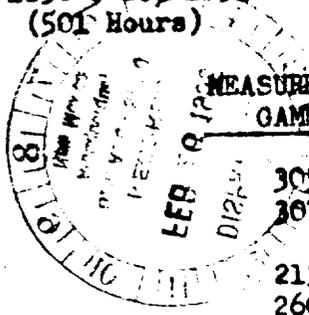
*Kahn* 1/24/90

Subj: FILM BADGE MEASUREMENT AT RONGELAP ATOLL 11 February 1955

KABELLE ISLAND

Badges in place from 1230 8 Dec 1954 to 0930 29 Dec 1954  
(501 Hours)

<u>HEIGHT ABOVE SURFACE</u>	<u>MEASURED mr GAMMA</u>	<u>CALCULATED mr GAMMA</u>
Surface	3050 3075	2000
Waist	2150 2600	2000
Knee	3200 3350	2000
Head	2550 2575	2500
Surface	3200 3100	2500
Waist	2375 2375	1500



RAH:RLT:mdt

cc: EPO, Albuquerque  
 L. P. Donaldson, AFL, U of Wash  
 R. W. Rinehart, USNRDL, San Francisco  
 Chrono  
 Central

Handwritten notes and a circular stamp:  
 +3200  
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