

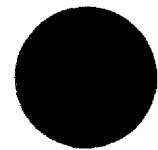
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April 20, 1954



Mr. Kermit Larson  
Atomic Energy Project  
University of California  
P. O. Box 4134  
West Los Angeles 24, California

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Dear Kermit:

I understand that some of the soil samples we collected in the Pacific were sent to you. Can you tell me at this time the activity you found in units of disintegrations per minute per gram.

We have some data on soil activity from the Pacific, measured at NYO, and also dose rate readings at the same locations. When compared to your Nevada data of soil activity and dose rate readings (at the same locations) there is a great discrepancy. I realize that it is difficult to make a firm conversion factor from disintegrations per minute per gram (beta counts) to mr/hr (gamma activity), yet the Pacific and Nevada data differ by several orders of magnitude.

Any information that you can give on this point will be appreciated.

Cordially yours,

Gordon M. Dunning, Health Physicist  
Biophysics Branch  
Division of Biology and Medicine

GMD:EMack.

OFFICE ▶	BMBF	MEDICINE, HEALTH & SAFETY		
SURNAME ▶	Dunning GMD	[REDACTED]		
DATE ▶	4-20-54			