

UNIVERSITY OF CALIFORNIA

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R

RADIATION LABORATORY  
BERKELEY 4, CALIFORNIA

Bldg. 4, Rm. 203

AIR MAIL

Apr. 10, 1959  
MDT-216-59

CONFIRMATION OF TELETYPE SENT 1:30 PM THIS DATE

Dr. C. L. Dunham  
Division of Biology and Medicine  
U.S.A.E.C.  
Washington 25, D.C.

BEST COPY AVAILABLE

Daily 24 hour filter samples of outdoor air collected April 7th and 8th and stored 48 hours exhibit beta-gamma activity 12 times background further estimated at 21 micromicrocuries per cubic meter air.

M. D. Thaxter  
Health Chemistry

MDT/cg

cc: Biophysics Branch, DEM, USAEC, WASH, DC  
SFOO-AEC, Mr. Rod Southwick  
Mr. Dan Wilkes, 101 Sproul Hall, Campus

Bcc: MDT  
Teletype Ofc, B. 29, R.208

*on date 2/7/221  
Licenses attached  
copy - S.P.H. - 9/14/59*

Mike --

*Live count points*

4/10/59  
1:45 /r1d

4/7 original count:  $\alpha$  598 cpm  
 $\beta\gamma$  410

bkgd:  $\alpha$  6  
 $\beta\gamma$  22

net counts

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48 hr decay:

net count:  $\alpha$  21 cpm  
 $\beta\gamma$  232

bkgd:  $\alpha$  4  
 $\beta\gamma$  19

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4/8 original count: (net)  $\alpha$  1442  
 $\beta\gamma$  694

bkgd:  $\alpha$  7  
 $\beta\gamma$  26

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48 hr decay: (netcount)

$\alpha$  37  
 $\beta\gamma$  277

bkgd:  $\alpha$  3  
 $\beta\gamma$  25