



FEDERAL SECURITY AGENCY • Public Health Service
NATIONAL INSTITUTES OF HEALTH • Bethesda 14, Md.

NATIONAL INSTITUTE OF ARTHRITIS AND METABOLIC DISEASES
NATIONAL CANCER INSTITUTE
NATIONAL INSTITUTE OF DENTAL RESEARCH
NATIONAL HEART INSTITUTE
NATIONAL INSTITUTE OF MENTAL HEALTH
NATIONAL MICROBIOLOGICAL INSTITUTE
NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND BLINDNESS
THE CLINICAL CENTER
DIVISION OF RESEARCH GRANTS

April 6, 1953

Dr. Robert A. Kehoe
Kettering Institute
(University of Cincinnati Campus)
Cincinnati, Ohio

Dear Dr. Kehoe:

Would you kindly send me a copy of available reprints of your papers on the absorption and excretion of lead? I am especially interested in the proportion of retained lead that is excreted daily when the intake has been small amounts over a period of time.

We are attempting to develop a method for measuring the radiolead content of urine and feces to be used as an index of radon exposure. The radon inhaled will soon become radiolead by radioactive decay. This radiolead will then behave exactly as stable lead does in the body. Preliminary tests indicate that the extremely small amounts of radiolead that are measurable will give us a very sensitive test. For this test to be very useful we must know what a given excretion of lead means in terms of body content.

Do you, perhaps, have some unpublished data pertinent to this point?

Yours very truly,

Victor E. Archer, M.D.
Laboratory of Physical Biology
National Institute of Arthritis & Metabolic Diseases