

November 5, 1946

728510

Memorandum:

To: Captain Fred Bryan
From: William F. Bale
Re: Reports concerning Metabolism and
Physiological Effects of Plutonium.

Two reports have been issued from
the Rochester Project concerning plutonium metabolism.

1. Comparative Intravenous Lethal Dose
Pilot Studies for Polonium, Radium,
and Plutonium in Rats, by George A.
Boyd, Robert M. Fink and associates,
Rochester report #M-1878, June 1, 1946.
2. Comparative Intravenous Lethal Dosage
Studies of Radium, Plutonium, and
Polonium in Rats with Clinical,
Pathological and Hematological Observations,
by George A. Boyd, Robert M. Fink and
associates, Rochester report # M-1902,
issued July 22, 1946.

Sincerely yours,

William F. Bale

WFB: rhh

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
SINGLE REVIEW AUTHORIZED BY: DSE/BC/20 Sept 21/96	DETERMINATION (CIRCLE NUMBER(S))
REVIEWER (ADD):	1. CLASSIFICATION RETAINED
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DATE: 8/2/96	3. CONTAINS NO DOE CLASSIFIED INFO
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	6. CLASSIFIED INFO BRACKETED
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8004939

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By [Signature]

Date 5/2/96

12040

May 11, 1948

Dr. Wright Langham
Los Alamos Scientific Laboratory
Post Office Box 1663
Los Alamos, New Mexico

Dear Wright:

It is a long time since I have heard anything from you, but I can understand that with all the 'irons you have had in the fire' you must be very busy. Since I visited you last fall, I have definitely thrown in my lot with the California Group and expect to move out to Los Angeles around the first of July. In going over the many odds and ends of uncompleted work here, the matter of our joint report has come up again. Dr. H. A. Blair, our Project Director, called me in yesterday and showed me the outline for a book which is to be classified and have a very limited distribution. According to their plans our report would be included as a chapter and of course issued jointly from Los Alamos and Rochester. The work has been coded as, H.M.R.S. Division VI, Book III, Section A, the title of our chapter being, Metabolism and Excretion of Plutonium by Human Subjects after Intravenous Administration. Dr. Blair gave me to understand that our contribution is the only thing which is holding up the printing. Have you been able to do anything more with your part?

I have about finished my report on the uranium studies and should like to see the plutonium work cleared up before I go.

My best regards to Ruby. I hope to see you both again someday.

Sincerely yours,

Samuel H. Bassett

SHB:mn

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REVIEWER (ADD): NAME: <i>Dr. v 7</i>	
DATE: 8/16/96	

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By Authority Of *Dir. of Classification*
By *SR 116700K* Date *8/16/96*

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Ltr. from Dr. S. Bassett to Wright Langhans

July 9, 1947

In a few more days I shall send you the section of the report I have written up. You will have to discuss the part dealing with standardization of the Pu solution which we employed. It seems very important to me that it be clearly shown that the theoretical alpha activity of the basic solution which Bob Fink used coincided with the activity actually observed. It is not altogether clear to me from the notes which we have, just how this check was made. I presume it was done on samples forwarded to you. Our assays seem to have been made with an electrometer rather than with an alpha counter.

Sincerely yours,

CSB:ms

Samuel L. Bassett

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SINGLE REVIEW AUTHORIZED BY: DOE/49102 App 11/96	DETERMINATION (CIRCLE NUMBER(S))
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