

P. O. BOX 1663  
SANTA FE, NEW MEXICO

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719235

May 13th, 1946

Dr. Samuel H. Bassett  
c/o The University of Rochester  
School of Medicine and Dentistry  
P. O. Box 287, Crittenden Station  
Rochester, 7, New York

Dear Dr. Bassett:

The autopsy specimens on the HP-5 have been received. They appear, however, to be in rather poor condition. It seems that some decomposition has set in, but we are going to try to run them anyway. My guess is that the alcohol used to preserve them was not 70% or the volumes of preservative used was not good enough to preserve such large pieces of tissue.

Is it possible for you to give us an idea as to when the collection period for feces samples begins on the individuals which you are fortunate enough to obtain for readmission?

The tolerance dose for Plutonium which we use at this site is 1 microgram. This tolerance is based on the assumption that an individual excretes in the urine 0.01% of his total body content. This means that when an individual is excreting 7 c/m in a 24 hour urine sample it is assumed that he has 1 microgram of Plutonium in his body.

We would like to administer exactly 1 microgram of Plutonium to a human subject and follow the urinary excretion rate just as a means of checking on our ability to detect 1 microgram in the body. Do you think it would be possible for us to make such arrangements? This may have to wait, however, until we both return from Bikini. We may have a chance to discuss this further with Colonel Warren during our trip.

Sincerely,

*Wright Langham*  
Wright Langham

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Or Changed To \_\_\_\_\_  
By Authority Of Dir. of Classification  
By JH Hartssock/cb Date 5/10/74

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PROVENANCE

REPOSITORY: OFFICE OF HUMAN RADIATION  
EXPERIMENTS (OHRE)

COLLECTION: PLUTONIUM INJECTION INVESTIGATION  
FILES (OHRE 1)

BOX: 2

FOLDER: PLUTONIUM INJECTIONS - ROCHESTER -  
GEN INFORMATION

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