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January 28, 1954

Dr. Thomas Shipman, Leader
H-Division
Los Alamos Scientific Laboratory
P. O. Box 1663
Los Alamos, New Mexico

Classification changed to **UNCLASSIFIED**
by authority of the U.S. ERDA
Per DORIS H. DUNNING
(Person authorizing change in classification and date)
By Emily Stephenson 6/2/77
(Signature of person making the change and date)

Dear Dr. Shipman:

During the coming nuclear weapons tests at the Pacific Proving Grounds this spring, there will be again established a world-wide system for monitoring fallout for evaluation of long-term effects. However, these data will not be available for some time after each detonation and thus do not provide immediate information with which to make intelligent responses to public inquiries.

The first purpose of this letter is to inquire if the Los Alamos Scientific Laboratory would be willing and able to make certain radiological measurements during the period from March 1 to about May 1 and to report such information to Division of Biology and Medicine, Biophysics Branch, Washington, D. C. Arbitrarily, we are suggesting that reports be made by TWX when an initial rise in air concentration reaches five times background values, as well as any other radiological data that may be pertinent. More extensive data (air concentrations or others) could be transmitted by TWX or by mail as the urgency of the data would seem to indicate. We do not anticipate amounts of fallout that will be significant in terms of health but we must have information immediately on hand for proper evaluation. Several other AEC installations are being asked to cooperate in this effort and of course all of these data will be available to you.

The second purpose of this letter is to inquire if you would be willing to act in the capacity of liaison with public health officials similar to this past spring. As you know, there were only a very few inquiries from the public health officials this spring, but they feel that this is good insurance and they are desirous of continuing this system.

Sincerely yours,

John C. Bugher
J. C. Bugher, M.D., Director
Division of Biology and Medicine

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