

May 19, 1949

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MEMORANDUM TO ALL CONCERNED

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FROM: Alvin C. Graves

SUBJECT: MEDICAL AND BIOLOGICAL EXPERIMENTS

Reference: SD-156

This document contains information affecting the national defense of the United States within the meaning of the espionage laws, and its transmission or the revelation of its contents in any manner to an unauthorized person is prohibited by law. Its transmission or the revelation of its contents in any manner to an unauthorized person is prohibited by law and is subject to criminal penalties under the espionage laws.

As you are undoubtedly already informed, medical and biological experiments are to be introduced into the 1951 Eniwetok operations to be conducted by the Atomic Energy Commission under the technical direction of J-Division of the Los Alamos Scientific Laboratory. Agreement has now been reached as to the method of handling the biological and medical experimental program. The purpose of this letter is to acquaint you with the procedure that is to be followed for the introduction of these experiments into the forthcoming test operations.

The various organizations interested in introducing such experiments are requested to submit through normal channels a brief outline of their proposed program to Dr. John Z. Bowers, Assistant to Director and Chief of the Division of Biology and Medicine, Atomic Energy Commission, Washington, D. C. The brief outline should include the following information:

1. Title and nature of the experiment;
2. Purpose;
3. Justification, including a brief account of preliminary investigations already performed, underway or contemplated here in the states, if any, also a brief statement as to why the investigation must be carried out at Eniwetok;
4. An estimate of personnel required;
5. Special construction, equipment, and facilities necessary;
6. A preliminary statement as to type and number of animals to be used;
7. Special measurements required in connection with proposed experiment.

It is requested that the above outline be submitted to Dr. Bowers by approximately June 7. We, of course, realize that the time is much too short for such outlines to be other than tentative; therefore, a more detailed outline will be requested at a later date, at which time it will be possible to introduce changes and modifications.

Dr. John Bowers is organizing an evaluation committee of rather prominent and interested persons who are currently involved in the bio-medical

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| DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW | DETERMINED BY: [REDACTED]                |
|  | DATE: [REDACTED]                         |
| SINGLE REVIEW AUTHORIZED BY:                 | 1. CLASSIFIED BY: [REDACTED]             |
|  | 2. CLASSIFICATION CHANGED TO: [REDACTED] |
| REVIEWER (ADD):                              | 3. CONTAINS DOE CLASSIFIED INFO          |
|  | 4. COORDINATE WITH: [REDACTED]           |
| NAME: NL KOSBAM                              | 5. CLASSIFICATION CANCELLED              |
|  | 6. CLASSIFIED INFO BRACKETED             |
| DATE: 11/4/94                                | 7. OTHER (SPECIFY):                      |

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aspects of atomic energy. Dr. Wright Langham will serve as the Los Alamos representative on that committee and will act as the J-Division liaison to Dr. Bowers. When the committee has selected the experiments on the basis of biological and medical soundness, the list will be submitted to J-Division for consideration with regard to the feasibility of the experiments in the over-all Eniwetok operation. At essentially the same time the list of selected experiments will be submitted to the Medical Advisory Board for final consideration.

You are urged to get your tentative proposals into Dr. Bowers' hands at the earliest possible date in view of the fact that we are hoping to have a tentative list of experiments submitted through the committee by July 1, 1949.

*Alvin C. Graves* /mm

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Alvin C. Graves  
J-Division Leader

ACG:mmm