

Office Memorandum • UNITED STATES GOVERNMENT

TO : Shields Warren, Director, Division of
Biology and Medicine, Washington

DATE: June 6, 1952

FROM : Nathan H. Woodruff, Acting Manager, Oak Ridge

720391

SUBJECT: REQUEST FOR APPROVAL OF OAK RIDGE NATIONAL LABORATORY PARTICIPATION
IN A COOPERATIVE EXPERIMENTAL PROGRAM TO PROVIDE POSSIBLE BIOLOGICAL
DAMAGE DATA RESULTING FROM AIRCRAFT NUCLEAR REACTOR EXPOSURES IN THE
CREW COMPARTMENT.

SYMBOL: ORB:CSS

BEST COPY AVAILABLE

We have received a request from Oak Ridge National Laboratory for approval by the Commission of plans to carry out a cooperative experimental program with the USAF School of Aviation Medicine Primate Laboratory, Austin, Texas.

The proposed program is the result of meetings held in Oak Ridge on May 1, 8, and 9, 1952, of ORO, ORNL and USAF personnel. At these meetings the desirability of initiating immediate cooperative experiments was discussed, and the design of experiments was formulated. The attached summary by Mr. A. J. Miller outlines the nature of these proposed experiments, indicating that Oak Ridge National Laboratory will be primarily concerned with the so-called "smaller" experiment, but will be called upon for design of structures, training service, and dosimetry at ORO, and for consultation with the USAF group at Austin.

It is stated that provision of the animal immersion facilities at ORNL will require only a nominal expenditure and that any costs for the temporary housing of the animals at the UT-AEC facilities will be reimbursed by USAF. It is proposed that the entire cost of ORNL participation in both these programs will be so small that no request for additional funds is contemplated.

We recognize the desirability for a program which will provide this urgently-needed information, and agree that the Oak Ridge phase of the experiments constitutes a plan suited to this usage of the Bulk Shielding Reactor. As the proposal is now constituted, we have no objections to ORNL proceeding with this work, but believe we should point out that completion of the Oak Ridge initial phases of the experiment may be only the first step. It is possible that a series of other repeated exposures may be needed for later augmentation or clarification of the results, and these may require additional funds at some later date.

OPENNET ENTRY	
Authorized for Public Release	Date: 3/7/95
Entered in OpenNet	By: B. S. F. Steady
Not Authorized for Public Release	Date:
By:	By:

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
SINGLE REVIEW AUTHORIZED BY:	
1. CLASSIFICATION (CIRCLE NUMBER(S))	
2. CLASSIFICATION CHANGED TO:	
3. CONTAINS NO DOE CLASSIFIED INFO	
4. COORDINATE WITH:	
5. CLASSIFICATION CANCELLED	
6. CLASSIFIED INFO BRACKETED	
7. OTHER (SPECIFY):	
REVIEWER (ADD):	AA Simmons W/HR
NAME:	M.L. K. BERRY
DATE:	1/28/84

US DOE ARCHIVES
326 U.S. ATOMIC ENERGY
COMMISSION

Collect: DBM
Box 3362
Folder 11

MILITARY RESEARCH & APPL.

contains restricted
or the disclosure of
information is prohibited.

ORO 19217
21261 ORO

WITHOUT ENCLOSURE ATTACHMENTS

1150254

[REDACTED]

Shields Warren

- 2 -

June 6, 1952

Since this test implies the possible development of a program of major proportions which should be under the cognizance of the Division of Biology and Medicine we would appreciate receiving your approval before authorizing ORNL to proceed.

Nathan H. Woodruff

Nathan H. Woodruff

Encl.:

Rpt Y-F5-81 Cy 8-A

CC: Col. E. O. Meals, Div. of
Reactor Dev., Wash.

Mr. R. W. Cook, Div. of Prod.
Shoup:ec

*Copy 2 A destroyed
12/11/53. JG*

[REDACTED]

[REDACTED]

1150255

DOE ARCHIVES