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From MEDDH-NT sgd Heaton TSG

McCoy For MDL Test Group (Col. L.E. Browning and Mr. J.E. McCreith). AMGRD-DE-N. MDL for Lt. Col. Jacks. ORDL for Col. F.L. Bauer. Approval of request for use of volunteers at Camp McCoy per MDL letter dated 12 April 1963 was signed on 19 April 1963 by the Honorable Stephen Alles Acting Secretary of the Army. Approval paper presently en route down through channels.

*1303-11 (Camp McCoy) 1963*

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*WNRC 13 Dec 94*

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*Accession# 66A 3256*

*Box # 32/34*

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*File Name:*

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*1303-11 Camp McCoy 1963*

MEDDH-NT

*LAP*  
LAURENCE A. POTTER, Colonel, MC

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*File Name  
1303-11*

WASH-AR

SUBJECT: Experiment to Determine Beta Hazard

25 MAR 1963

THRU: Commanding General  
U.S. Army Materiel Command  
ATTN: WASH-AR-3  
Washington 25, D.C.

TO: Commanding Officer  
Nuclear Defense Laboratory  
Edgewood Arsenal, Maryland

1. Reference is made to conversations between members of your laboratory and Lt. Colonel Hilcken, this office at Edgewood Arsenal on 4 March 1963.

2. In accordance with reference conversations, a general outline of the test to be conducted by Nuclear Defense Laboratory (NDL) and/or its contractor personnel at Camp McCoy, Wisconsin is attached as Inclosure 1. A more detailed plan will be forwarded at a later date. Inclosure 2 lists various administrative matters pertinent to the proposed experiment.

3. Permission is requested for direct communication between NDL and headquarters, U.S. Army Medical Research and Development Command for the purpose of carrying out the proposed experiment.

FOR THE COMMANDER GENERAL:

2 Incl  
as

ROBERT L. SILVANT  
Brigadier General, MC  
Special Assistant for  
Research and Development

Copies furnished:  
Mr. Perioith, Camp McCoy  
Colonel Brooking, WASH-AR

JOSEPH D. GOLDSTEIN  
Colonel, MC  
Consultant, Nuclear Medicine

CONCURRENCE:  
*[Signature]*  
Occupational Health Branch  
Preventive Medicine Division  
Professional Directorate

JOHN A. HILCKEN  
Lt. Colonel, MC  
COPY FURNISHED RECORD ROOM SGO

DATE 25 MAR 63 INITIALS [Signature]

OTSG RECORD ROOM

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General Outline

Volunteer soldiers will crawl, with combat clothing and equipment, through mud and bare soil for 250 or 500 yards. Crawl courses will be spread with Lanthanum-140 contaminated sand to simulate a fallout field and to act as a radioactive tracer.

Accumulation of soils on clothing and equipment will be measured for the purpose of determining the magnitude of the beta contamination problem. The experiment will generally parallel that reported by Block in Health Physics 8: 131, 1962, for two additional soil types, and field expedient decontamination methods will be attempted.

Volunteers will be limited to exposures of not more than 3 rad for the quarter year in which the experiment will be conducted.

18 March 1963

Administrative Matters

1. Date and location. Start 22 April 1963, Camp McCoy, Wisconsin
2. Responsibilities of Nuclear Defense Laboratory.
  - a. Fund experiment.
  - b. Conduct experiment, to include rad-safety, obtaining volunteer subjects and replacement items of clothing and/or equipment contaminated or destroyed during test.
  - c. Furnish report on findings.
3. Responsibilities of Medical Research and Development Command.
  - a. Prepare experimental plan.
  - b. Supervise execution of experiment.