

COMMISSION

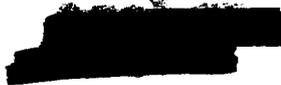
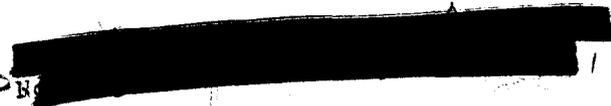
RG \_\_\_\_\_

Collection: DBM

Box: 3362

Folder: 18 John A. Derry

*Yellow Copy*



Aug. 3, 1950

720402

L. W. Tuttle

ACTION TAKEN BY DIVISION OF BIOLOGY AND MEDICINE IN LIGHT OF THE KOREAN SITUATION

1. Intensified research through Red Cross on methods for separation and preservation of blood constituents (\$99,000. contract). This work is related to the separation of formed blood elements which would be effective in combating the infection and hemorrhage in acute radiation injury.
2. Research procurement and clinical evaluation of simplified blood testing kits useful under civilian emergency conditions and military activity. This work is collaborative with NSRB, NIH, and the Red Cross.
3. Establishment of a program for investigating the therapy of acute radiation injury at the Rochester Project. This program will be underway within a month and is designed to evaluate larger animals (dogs). The therapeutic efficacy of the several pharmaceutical agents which have shown some promise in protecting against radiation injury. The program will cost between \$100,000 and \$150,000 and should not take more than one year. Our studies now in progress with NSRB seem to indicate that with adequate warning, an atom bomb dropped on an American city would produce fewer deaths than was the case in Japan, but that an increased percentage of the survivors would receive radiation doses in the mid-lethal range.
4. The accelerated weapons and production program has necessitated increased emphasis on studies of the toxicity of plutonium, radium, and fission products in order to arrive at more acceptable tolerance figures. Work to be conducted at the University of Utah at an estimated annual cost of \$150,000. The Utah program will also include additional studies on the therapy of acute radiation injury.
5. With the increased production program in effect, intensified studies of the toxicity of tritium, Carbon-14, and neutrons is now under way at the Argonne National Laboratory and elsewhere.

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW

DETERMINATION (CIRCLE NUMBER(S))

1. CLASSIFICATION RETAINED

2. CLASSIFICATION CHANGED TO:

3. CONTAINS NO DOE CLASSIFIED INFO

4. COORDINATE WITH:

5. CLASSIFICATION CANCELLED

6. CLASSIFIED INFO BRACKETED

7. OTHER (SPECIFY):

SINGLE REVIEW AUTHORIZED BY: AA-SURBERG 11/28

REVIEWER (ADD): ML KOBAY

NAME: ML KOBAY

DATE: 11/28/94

OPENNET ENTRY

Authorized for Public Release  
By: BS for F.G. Kosling Date: 11/1/95  
Entered in OpenNet By: \_\_\_\_\_ Date: \_\_\_\_\_

Not Authorized for Public Release  
By: \_\_\_\_\_ Date: \_\_\_\_\_

1150276

*Yellow Copy*

CLASSIFICATION MANAGEMENT

