

RG 181 AGENCY/NNDL

Location SAN BRUNO FRC

Access No. 181-608-269 1 of 4

Folder 590/1-A Medical

Aspects 1954

3-922C
VFB:jh

13 OCT 1954

AIR MAIL

Dr. J. C. Bugher
Director, Division of Biology and Medicine
Atomic Energy Commission
Washington 25, D. C.

BEST COPY AVAILABLE

Dear Dr. Bugher:

An analysis of peripheral blood counts obtained on the Rongelap people during the first medical resurvey has been completed, and the results are forwarded as Encl (1) for information. The values are incorporated into tables showing the original findings as well for easy comparison. It was not possible to demonstrate an effect of measles, an epidemic of which was present at the time hematological determinations were made, on any of the blood values.

It is apparent that the total leukocyte, neutrophil lymphocyte and platelet counts remain below control levels, even though the mean values for each determination are within the range of normal for individual counts. This delayed recovery apparently is not inconsistent with data obtained in the Japanese bombings in 1946, and from the Los Alamos and Argonne accidents.

Bone marrow studies, and examination of chest and bone xrays have revealed no significant abnormalities attributable to radiation. It is anticipated that a report of all findings can be prepared in the near future. From present data, a resurvey of the individuals before approximately 6 months from the last examination does not appear to be indicated.

Sincerely yours,

Y. P. BOED, M.D.

Encl(2)
(Tables 5.2, 5.3)

Copy to:
Code 74
E. P. Cronkite

CLASSIFICATION CANCELLED*
BY AUTHORITY OF DOD/OC
Gahn 3/18/91
REVIEWED BY DATE
*LTA DNA SWISHER TO
DOE MA-225, 1-23-90

Initials hereon indicates that the person initialing has read and approved the correspondence and has no recommendation to make as to change in content.

590/1-4

13 Oct 54

3-100(R) *A*

3-120

3-140

3-141

3-200

3-210

3-220

3-240

3-250

3-280

3-700(R)

3-710

3-900 *9*

3-900 (R)

3-920

3-922C(S) *VFB*

3-930

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S—signature

R—review

I—information