

#3

XC Howard

~~SECRET RESTRICTED DATA~~

407568

To: Commanding Officer USN RDL

From: Project Officer Project 4.1

Subject: Biopsies of skin

1. Accompanying specimens are biopsies of human skin. The skin has been fixed in buffered formal sublimate and is now in 80 % ethyl alcohol. In processing the tissues the slides should be run through iodine before staining. It is regretted that reagents were not available to make up Bouin's solution that would have been a better fixative for skin.

2. It is requested that the tissues be processed as quickly as possible and that slides be forwarded to us, Dr. Clarence Lushbaugh of Los Alamos Scientific Laboratory, and to Dr. David Wood. We would appreciate as early an opinion as possible as guides to us for further biopsies.

3. Specimen numbers 431 and 429 are from Americans and it is highly unlikely that these are due to radiation. The other lesions are dark macular and pigmented that are developing only in the most heavily exposed groups. Further details will be forwarded at a later date.

4. Some of the lesions that are developing are beginning to resemble the beta burns that occurred in horses and cattle and it is possible that the report of Pearson will now be available through the Div Biol and Med of AEC in order to help you in your study of the lesions.

5. A great deal of ~~urgency~~ speed is necessary in getting your opinion since biopsies are not highly acceptable to the exposed individuals.

Eugene P. Cronkite
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[Signature] BN 5/7/97
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