Lt. Col. A. B. Sabin
Rockefeller Institute
Princeton, New Jersey

Dear Colonel Sabin:

With regard to our conversation on irradiation of icterogenic serum I wish to report that Major Havens and I have decided that we do not have enough human volunteers to make such a study profitable at this time.

As you know Oliphant et al have reported that the agent of serum jaundice (yellow fever vaccine) is inactivated by ultraviolet light at 2650 Å units for 1 hour and at 2537 Å units for 1 1/2 hours. There is another report from Bradley in England (unpublished) stating that hepatotoxie agent (not specifying whether it is serum jaundice or infectious hepatitis) resists exposure of 2537 Å units for 30 minutes.

In order to add to knowledge of this subject it would seem necessary to determine the limits of inactivating power of ultraviolet light on both the virus of serum jaundice and of infectious hepatitis. This would take many volunteers.

We would be glad to have your comments on this subject.

Yours sincerely,

[Signature]

John R. Paul, M.D.
Director

jrp:ads

cc: Gen. Bayne-Jones
    Dr. Blake
    Dr. Stokes