

SUBJECT: Trip Report

342-51-B-6035

TO: The Commandant
USAF School of Aviation Medicine
Randolph Air Force Base
Randolph Field, Texas

AIR1.950324.007

In accordance with the provisions of USAF SAM Regulation 15-6 dated 18 August 1949, the following information is submitted regarding a recent temporary duty trip to USAF Radiation Laboratory, University of Chicago, Chicago, Illinois.

1. Dr. Franklin McLean, USAF Radiation Laboratory at the University of Chicago, and the undersigned met on 23, 24, 25, and 26 November 1951, for the purpose of completing the contractual details of our mutual contract, and outlining work to be accomplished by the Liaison Officer, Lt. Richard Elghammer.

a. The laboratory is in need of additional equipment, and a slight modification of space facilities. These requirements are certainly in order, and have been placed with the business manager of the University of Chicago and will be forwarded to the Research and Development Command as soon as the contract is administered.

b. With the arrival of our liaison officer, an inspection was initiated by the Provost Marshal in the Chicago area to establish necessary criteria for personnel and buildings security within the laboratory. Several aspects of the research program were discussed, and it was concluded that Dr. McLean and Lt. Elghammer would utilize some of the large animal study results from Oak Ridge as a guide in the current research program of the laboratory.

2. At this meeting it seemed advisable to not only review the current research, but also the projected research program. To best accomplish this, it was decided to have a joint meeting at the USAF Laboratory in the near future to determine a presentation of the work

being done in Radiobiology, USAF, should be done at the USAF Radiation Laboratory by the interested investigators. This should take the better part of one day, allowing time for ample discussion.

a. It was further decided to have a second day of meetings where status summaries might be presented, and such summaries as the following were considered: 1) the problem of Atomic Energy for Tactical Warfare, Dr. Edward Teller; 2) the problem of Airborne Radioactive Hazards, Associated with Atomic Explosion, Major Pickering and Colonel Talbot; 3) a status summary on Human Body Radiation, both protection and therapy, Dr. Franklin McLean and Lt. John Dillon; 4) Gamma Radiation versus Energy; and 5) Problems on Fertility as an end point in Ionizing Radiation Studies.

3. For such a discussion, it seemed advisable to invite outside people whose interests are along these lines. The following named participants were suggested: Colonels Paul Campbell, John Talbot, A. P. Gagge, Karl Houghton, A. W. Towner, and Robert Blount; Doctors Joseph Aub, George V. LeRoy, Jacobson; and Dean Coggeshall.


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