

**CONFIDENTIAL**

Ref: FTR/9/

24th July, 1947.

My dear Khattayar,

I have received your letter of the 11th July enclosing correspondence with Mr. Sarabhai.

You may perhaps be aware that one of the pioneers in the use of photographic technique for studying nuclear processes was Prof. H. J. Taylor who did this work at Cambridge, and has since worked on it in Bombay. This technique has increased enormously in power as a result of the development of photographic plates, and is a very powerful weapon in the study of nuclear and cosmic ray phenomena. In view of these facts, we decided to embark on some cosmic ray research using the photographic technique, and special plates were ordered from England as far back as 16th September, 1946. To select the team of ten scientists for training in the techniques of nuclear research, for which the Government of India has given us a grant, I appointed a selection committee of four members of the staff of this Institute, and Prof. H. J. Taylor. Of the ten people chosen one has been allocated to work on the photographic technique under Prof. Taylor. Preliminary experiments were planned last May, and when I was in Simla I carried with me two batches each consisting of three different groups of plates prepared by Ilford for exposure to cosmic radiation at the altitude of