

December 15, 1948

DR. LOWRY DOBSON:

Please find enclosed the pertinent data relevant to the activity of the field of the 200 volt x-ray machine at Crocker. Needless to say, these measurements were made in the absence of detectable radiations from the 60" cyclotron. Particularly I am concerned about the high levels of radiation in Room 108 where Mrs. Heller and others spend a great deal of time. This is a particularly dangerous situation inasmuch as there is an appreciable amount of radiation coming from the 60" in the other direction. In view of the fact that the x-ray machine is being used at ever increasing intervals, together with the increasing level of cyclotron radiation background as the efficiency of the 60" increases, I feel that the x-ray machine should be moved elsewhere, presumably to Donner Laboratory. The cost of its moving and installation could be borne by 60" funds. In addition to the safety factor indicated above, I think it would be a much more convenient arrangement for the machine to be over in Donner which would avoid the transport of animals, experimental equipment, etc., back and forth between the two laboratories.

I discussed at great length the cataract problem with Shields Warren and he is very anxious that something be done about this in the immediate future for he feels this problem is of no small gravity.

Both matters that I brought up I think are of sufficient urgency that you and John Lawrence and I should go over them in considerable detail as soon as possible.



Joseph G. Hamilton, M. D.

JGH: jr

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