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April 1, 1925.

Col. R. R. Sayers,
Bureau of Mines Laboratories,
Forbes Street,
Pittsburgh, Pa.

My dear Col. Sayers:

I think it would be well for our Committee to have another meeting at the Bureau of Mines in the near future.

Dr. Flinn is finding considerable lead in his experiments in the excreta of the various animals and some of the animals are showing paralysis. I think our animal experiments, as far as they concern the skin application of Ethyl Gasoline, have demonstrated the certainty of its absorption through repeated local application and it seems to me that this fact, once established, is all that we need to know on the experimental side, from the public health point of view. It would be of great interest, of course, to find the maximum and minimum dosage, etc. in different animals, but as far as the public is concerned, if a garage man gets any lead in his system, it is comparatively immaterial how long he has been exposed or what doses he may have had. In any event, those facts would be difficult or impossible to determine in a given case.

I believe that more examinations should be made of garage men and others who may have been exposed for a year or more to the handling of Ethyl Gasoline. I am, therefore, personally, disposed to abbreviate further animal experimentation and concentrate our observation, as far as possible, on a larger number of human beings. Mr. Midgley is in accord with this view. If your experiments coordinate with those of Prof. Flinn up to date, it may prove best to take this action.

This is why I think we should have another conference in Pittsburgh at an early date, but I will abide by your advice in the matter.

Yours very sincerely,

W. C. Cihuan Thompson

WGT/ES

