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DIVISION OF INDUSTRIAL HYGIENE

December 30, 1943

Dr. Robert Kehoe,
University of Cincinnati,
College of Medicine,
Cincinnati, Ohio.

Dear Dr. Kehoe:

I am wondering if you would mind giving me your opinion on the two supposedly lead poisoning cases which records I am enclosing.

What I am particularly interested in is the lead contents of the blood and urine which is within the normal range and yet according to the data of Dr. Carter there was practically a wrist drop. What interest me is the fact that they show 0.05 milligram in 100 cc. of blood and only 0.002 milligram per liter of urine. I have always felt that in a case of lead poisoning one is apt to get some closer agreement between the urine and the blood. Dr. Carter claims that the urine is low because it showed that lead absorption was taking place. I am especially interested in your feeling on this phase of the question. The lead determinations were made by the dithizone method.

The exposure of these men was not as great as one might get from the description but for our own information I am going to determine this as I am interested in this situation.

I hope that you will not think I am asking you too much but knowing your experience with lead cases I would value your opinion very highly.

With personal regards, I am,

Yours sincerely,

Frederick B. Flinn

Frederick B. Flinn
Director of Industrial Hygiene.