

DEPARTMENT OF MEDICINE
DIVISION OF INDUSTRIAL HYGIENE

March 8, 1941

Dr. Willard Machle
Kettering Laboratory
University of Cincinnati
Cincinnati, Ohio

Dear Bill:

I was delighted to receive your letter of March 4 reporting your findings on the men exposed to lead tetraethyl at the Bryce Oil Company.

Following your departure for Cincinnati, we made an analysis of [REDACTED] urine and blood by the dithizone procedure and our findings were as follows: urine, 1.72 mg. per liter; blood, 1.76 mg. per 100 cc. I am delighted to know that you and Dr. Kehoe have enlisted the aid of the U. S. Public Health Service in following this interesting problem.

You probably will not be surprised to learn that day before yesterday I was called on the phone by another of our local physicians who informed me that he had a case which he suspected might be lead poisoning. I interviewed both doctor and patient and found that it was indeed another case of insipient lead encephalitis in a man operating another experimental tetraethyl lead plant in one of the cities adjoining Denver. We haven't as yet had an opportunity to complete our analyses on his feces, urine and blood, but I will be glad to send you our findings if you should care to see them. So far as I know, only two men have been exposed thus far in this latter plant.

[REDACTED] is making a very satisfactory recovery and will be presented at one of our clinics here in the medical school next Monday. I wish that you and Bob Kehoe could be here to discuss this case along with several others which will be shown at the same time.

We all enjoyed your visit and only regret that we did not have a better opportunity to properly entertain you.

With kindest personal regards,

Sincerely yours,


Donald E. Cummings
Director

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