

March 4, 1941

Dr. Donald E. Cummings
University Colorado School of Medicine
4200 E. Ninth Street
Denver, Colorado

Dear Don:

I am writing to thank you for your courtesies to me while I was in Denver, and to bring you up-to-date in so far as our activities are concerned.

After my return to Cincinnati, Dr. Kehoe and I went to Washington and discussed the entire matter of the Denver plant with Drs. Thompson and Neal. They were very definitely interested in the affair and felt that regardless of patent or considerations that might be entailed, it was time that some recommendations for codes for plants of this type be promulgated.

We put them in possession of all of the information that we had and they are now in the process of getting this together to forward to the Public Health and Industrial Hygiene people in Colorado as well as other states.

The analytical findings on these men may be of some interest to you and I am tabulating them below for your information.

<u>Name</u>	<u>Mg Pb/Liter of Urine</u>
[REDACTED]	3.00
[REDACTED]	2.00
[REDACTED]	0.25
[REDACTED]	0.18
[REDACTED]	0.15
[REDACTED]	0.12
[REDACTED]	0.04

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The spot sample of 65 cc that was obtained from [REDACTED], was gotten the day before he took off into violent mania and is the highest result that we have ever obtained from cases of this type. Three large samples of a little over 2 liters each, collected over a period of some days, contained in the neighborhood of 2 milligrams per liter, all of which is quite consistent with the symptoms and physical findings in his case. Of especial interest is the high result on [REDACTED]. This patient was one of the men who assisted in the development of the plant and on the basis of the history that he gave me, he had no exposure for two weeks preceding my examination. However, the magnitude of his excretion, namely, 2 milligrams per liter, indicates quite clearly that he had recent severe exposure and our physical findings at the time of the examination were consistent with that finding. We obtained only one spinal fluid sample from [REDACTED]. This contained 0.004 milligrams of lead per 100 cc, and is not elevated above normal limits to near the degree that the urinary and blood findings were. This is like our findings in other cases.

Dr. Kohoe wishes to be remembered most kindly to you.

I would appreciate your passing along the above information to Ed Mugrage for his benefit.

Please remember me most kindly to your associates and believe me,

Cordially yours,

WMS:vr

Willard Machle, M. D.

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