

C O P Y .

GENERAL MOTORS RESEARCH CORPORATION, DAYTON, OHIO.

November 18, 1922.

Dr. Norman Roberts,
Quarantine Station,
Staton Island, N. Y.

My dear Doctor Roberts:-

I have yours of November 13th, with enclosure. I think you have gotten the situation remarkably well, and I have no comments or corrections to make. However, since talking with you, we have been making some rough calculations, and find that in the vehicular tunnel with the ventilation as proposed by Fieldner, which is considered absolutely essential to avoid the dangers of carbon monoxide, a man will take into his lungs approximately 1/2 milogram of lead in the four hours that Fieldner calculates as a maximum length of time he should spend in the tunnel. How much of this 1/2 milogram will be absorbed is, of course, an impossible question to answer at the present time, but it does not seem like a very large amount at the most. People must be getting this much lead regularly already in a great many other lines of work.

I sincerely wish that you might be detailed on this problem, as I am sure that we could work together with mutual satisfaction.

Always with the kindest personal regards, I am

Very truly yours,

(SIGNED) THOMAS MIDGLEY, JR.,

Chief Engineer,
Fuel Section.

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KJDB