

GENERAL MOTORS RESEARCH CORPORATION**DAYTON, OHIO.**

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Doctor H. S. Cumming:

December 30, 1922.

a relatively small portion of this milligram will be retained by the human system. Doctor Yandell Henderson considers the absorption of one milligram of lead per day as dangerous. We feel absolutely confident that under the conditions that will exist in the vehicular tunnel, that people exposed to this atmosphere will only absorb a very small part of one milligram. The worst congested streets will certainly be much better than the vehicular tunnel; while the average street will probably be so free from lead that it will be impossible to detect it or its absorption.

We expect in the near future to place a small quantity of this lead compound on the market in some districts. There will not be enough lead used in the early stages of this development to present any health hazard whatsoever and during this period we propose to investigate the toxicity of these exhaust gases very thoroughly so as to determine just what the ultimate limit to the use of lead compounds actually is. We hope to secure your most hearty cooperation in carrying on this work.

Trusting this information will clarify the situation in your mind, I beg to remain

Very truly yours,

Thomas Midgley, Jr.
Chief Engineer,
Fuel Section.



TM-Jr-D