

ETHYL GASOLINE CORPORATION

CHEMICAL RESEARCH LABORATORY

7600 WEST EIGHT MILE ROAD

DETROIT, MICHIGAN

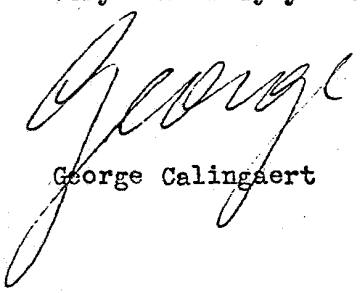
February 20, 1940

Dr. Robert A. Kehoe

Dear Bob:

I spent the day at the General Electric laboratories in Schenectady Friday, and one of the interesting things which I saw is their latest type of mercury detector. This operates on a constant stream of air pumped through the equipment and gives a direct reading of mercury concentration down to an extremely low figure. The principle followed is the absorption by the mercury vapor of a mercury resonance radiation emitted by a mercury arc. I discussed with several of their people the possibility of making a similar lead detector, and while there was some disagreement as to just how this would be designed, they seem to feel that the problem looked at least promising. I am passing this on to you for information and also to get your reaction as to whether you think it is worth while to try to push this any further.

Very sincerely yours,



George Calingaert

GC:AMC

cc: Dr. Graham Edgar

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