

HARRISON RADIATOR DIVISION

GENERAL MOTORS CORPORATION

LOCKPORT NEW YORK

April 19, 1948

Robert A. Kehoe, M.D.
Kettering Laboratory of Applied Physiology
University of Cincinnati
Cincinnati 19, Ohio

Dear Doctor Kehoe:

I have been away from work for the past six weeks due to illness, and returned today. Just prior to my leaving Mrs. Lloyd, our laboratory technician, had discussed with me some problems relative to the stain that we were using in our stipple cell work. During my absence Doctor Benoit wrote to you.

I wish to thank you for the very sincere letter which we received from you today. I believe that if you were to visit our plant at the present time you would find the working conditions, with particular reference to lead exposure, considerably improved over the time of your previous visit. We are certainly adequately ventilated, and sometimes I feel over-ventilated. The New York requirements state that we should not exceed .15 mgs. of lead per cubic meter and our standards here at Harrison are even higher than that, we use the figure of .1 mg. per cubic meter.

We are fully aware of the necessity of maintaining adequate air analysis for the determining of the lead concentration in work environment. This is done quarterly and oftener where indicated. In addition to doing stipple cell counts on all people annually who are engaged in soldering operations, when we find an elevated stipple cell count, or an increase over the previous count, we follow up with blood and urine levels. This is in addition to the routine physical examinations for indications of lead poisoning.

Whenever we get an air analysis which indicates that the people have been exposed to lead concentrations greater than .15 mgs. per cubic meter, they are routinely checked physically, stipple cell count, blood and urine determination for lead. I believe that this will keep us on pretty stable ground as far as our lead control is concerned.

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In regard to the immediate problem, Mrs. Lloyd has indicated that she has had some stain made up following your formula and that it has worked satisfactorily. We would appreciate it very much if you would send us a small bottle of your stain to use for comparative purposes, the latter if it will not put you to an undue inconvenience.

With best personal regards, I remain

Very truly yours

Chester L. Samuelson

Chester L. Samuelson, M.D.
Medical Director

CLS:flj

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