

October 28, 1937

Re: O.D. 15208

Dec'd.

The Industrial Commission of Ohio
Workmen's Compensation
Claims Section
Columbus, Ohio

Gentlemen:

We are inclosing a copy of the results of lead analyses carried out on the tissues of [REDACTED], employed by the Gulf Refining Company, Cleveland, Ohio.

Our understanding from the terms of your request in your letter of October 22 is that you wish this information for purposes of arriving at an opinion in the handling of this claim. We are quite willing to send you our results but wish to point out that they are for your use only and are not for publication.

The concentration of lead in all of the soft tissues is well above normal limits and indicates the recent exposure of considerable magnitude. The figures for bone are within normal limits. This type of distribution in which high lead concentrations are encountered in the soft tissues, especially the liver, spleen, kidney, etc., and normal or slightly elevated amounts in the bones is characteristic of a recent severe exposure and may be taken in addition as evidence that the recent exposure was the only significant one encountered within the three or four months period prior to death.

I did not remove these tissues myself at necropsy, but they were furnished us by Dr. Pritzker, who is in charge of the laboratory at the Huron Road Hospital. There is no reason to assume from these results that any contamination occurred, except possibly in the case of the small bowel, which result however has no appreciable bearing upon the results when they are taken as a whole.

Very truly yours,

WFM:vr

Willard F. Machle, M. D.
Kettering Laboratory
College of Medicine
Cincinnati, Ohio