

June 8, 1959

AIR MAIL

L. E. Curtis, M.D.,
Standard Oil Company of California
225 Bush Street
San Francisco 20, California

Dear Doctor Curtis:

In the somewhat hurried interval between my return home and my departure for Atlantic City, I have looked over all of the analytical results on Phase I of our investigation, and am indicating on the attached sheet (2 copies) the distribution of the frequencies of occurrence of certain findings in the urine of the employees of the garage. These data will give you a clear confirmation of my statement that the results which I had in hand at the time were indicative of the normal status of this group of men, with respect to lead absorption. The combination of these data with those on the blood, all of which are entirely normal, makes a very satisfactory base line for our further observations.

I enclose herewith, without referring to the memorandum of instructions to me concerning bills and similar details, a statement, in duplicate, of my expenses (or that portion which seems equitable), and a bill for two days of service. I propose to make such a charge only for the days I spend out of my office on this investigation, since I regard my activities at my desk as being only the normal performance of my duties as the Director of The Kettering Laboratory. (Another group engaged my services in Los Angeles, and thus I split the time spent in traveling between the two groups.) There is, behind my bill for service by days, a supporting bit of work, done at home. I make this explanation only because I like to make clear to the people for whom we work, the financial policies of the Laboratory. I expect other members of our staff to find means of reimbursing the Laboratory for the days they lose from the Laboratory in the service of a specific sponsor, client or patient, and of course, I undertake to do the same myself. The fees are turned over to the Laboratory, in part or in whole, as circumstances indicate, but the individual may act as a professional consultant in his own right.

While I am dealing with this, I may say that I have not sent reports or correspondence on this work to anyone but yourself. I have in mind the desirability of putting all of the information together, phase by phase, and reporting it to the several groups interested, either directly or through you, and, at that time also, I intend to make an itemized statement

KE 0004075

Distribution of Results
obtained by the analysis of multiple samples of the urine
of sixteen men who work in a garage at 245 Turk Street,
San Francisco, California. The samples of urine were
collected as single voidings from time to time over a
period dating from April 27 through May 12, 1959.

PHASE I OF THE INVESTIGATION
(A few results are yet to be obtained)

**Distribution of Frequencies of Various Concentrations of
Lead in Urine.**

Lead in Urine in Milligrams per Liter	Numerical Frequency	Remarks
0.02 - 0.025	15	None of the men in this Group of sixteen yielded unusual or abnormal results (if the minute volume of a few samples that yielded relatively high results be taken into account).
0.03	14	
0.04	25	
0.05	14	
0.06	9	The distribution of the results is like that of a normal group of men whose work involves no exposure to lead compounds.
0.07	2	
0.08	3	The mean value (which has not been calculated at this time) by inspection, lies somewhere between 0.03 and 0.05 mg. per liter, and is thus at or very near the normal level.
0.09	3	
0.10 and more	5	

Total Number

80

KE 0004076

N 6846.01

Distribution of Results
 obtained by the analysis of multiple samples of the urine
 of sixteen men who work in a garage at 245 Turk Street,
 San Francisco, California. The samples of urine were
 collected as single voidings from time to time over a
 period dating from April 27 through May 12, 1959.

PHASE I OF THE INVESTIGATION
 (A few results are yet to be obtained)

**Distribution of Frequencies of Various Concentrations of
 Lead in Urine.**

Lead in Urine in Milligrams per Liter	Numerical Frequency	Remarks
0.02 - 0.029	15	None of the men in this Group of sixteen yielded unusual or abnormal results (if the minute volume of a few samples that yielded relatively high results be taken into account).
0.03	14	
0.04	25	
0.05	14	
0.06	9	The distribution of the results is like that of a normal group of men whose work involves no exposure to lead compounds.
0.07	2	
0.08	3	The mean value (which has not been calculated at this time) by inspection, lies somewhere between 0.03 and 0.05 mg. per liter, and is thus at or very near the normal level.
0.09	3	
0.10 and more	5	

Total Number

90

KE 0004077

Expense Account and Consultant's Services

of

ROBERT A. KEHOE, M.D.

Portion of Expense of Trip to West Coast applicable to San Francisco

on June 1, 2, & 3, 1959

Attributed to California Research Corporation.

Half of expense of trip by air from New York to Los Angeles, to San Francisco and return to Cincinnati from May 27 to June 4, 1959.	...	...	...	...	\$179.25
Hotel, San Francisco, 3 nights.	...	...	...	...	45.00
Meals, San Francisco	...	...	...	...	17.50
Taxi, limousine, tips and incidentals	...	...	...	...	17.25
San Francisco to Cincinnati	...	...	...	...	3.42
Total Expense					\$262.42.
Consultant's Services, 2 days at...\$150.00	...	...	...	...	300.00
Total Expense and Fee					\$562.42

June 6, 1959

KE 0004078

N 6846.02