

March 12, 1943

Dr. Roy C. A. Bock,
Remington Arms Company, Inc.,
Kings Mills, Ohio.

Dear Dr. Bock:

I am sending you herewith a report giving the results obtained on the eight additional men.

A few comments on these results seem to be amply justified. I have gone over the information contained in your letter and recorded on the examination records. Let me remind you first that I have no data on [redacted] and [redacted]. It will be useful to have the additional information at your convenience. It is quite apparent that there are certain spots of significant exposure in your Shot Tower. I have a limited familiarity with the operations in such a plant and I recognize that the opportunities for lead exposure may vary considerably with the different occupations. It is apparent that the character of the work done by [redacted] and [redacted] is of a hazardous type. The fact that the results are the same for all practical purposes on these two men is sufficient evidence on this score. The results on Morris are also quite high and they indicate the advisability of looking into the exposure in connection with his work. If we assume that he has had no prior exposure to lead, he must have had a rather heavy exposure since entering upon his present work. The same comments are justified to a somewhat lesser degree in the case of [redacted]. The results on the blood of [redacted], and [redacted] are essentially the same, but there is considerable variation in the urinary values on these men, a circumstance which may have resulted from considerable variation in their intake shortly before the samples were taken. The urine sample from [redacted] must certainly have been quite dilute. [redacted] and [redacted] have apparently had very little exposure. The findings in the blood of [redacted] are somewhat above normal levels and are indicative of some slight exposure. One point in the interpretation of these results is the actual length of time they have been on the job. Your comments indicate that several of the men are new employees, but it is important to know what you mean by that statement. That is to say, I should know whether they have been exposed a few days, a few weeks, or a few months. Any change which might take place in the blood levels within a few days would be very significant, but if it developed only over a period of months, it

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would be much less important. This further information, therefore, would be quite useful in connection with the new men. Also, the exact date on which anyone of the men moved from one job to another would also be significant.

After examining these data yourself, you may have some question in your mind concerning their significance in relation to other facts which you may have concerning the work of these men and the care they take in protecting themselves against exposure. I should be glad to give you any help I can in the further interpretation of the results to your practical advantage.

Just for the sake of the greater convenience to ourselves, I am enclosing herewith an additional invoice to cover the cost of these sixteen additional analyses.

Cordially yours,

Robert A. Kehoe, M. D.

RAK ef

Enc.

KE 0018501

Robert A. Kehoe, M. D.
University of Cincinnati College of Medicine
Eden Avenue, Cincinnati

March 12, 1943

Remington Arms Company, Inc.,
Kings Mills,
Ohio.

Attention: Dr. Roy C. A. Bock

16 Blood and Urine Analyses on the
following men:



Analyses made for-lead

\$5.00 ea. \$80.00

Samples of urine and blood from several employees of the Remington Arms Company.

Name	URINE			BLOOD				
	Analysis Number	Volume Ml.	Mg. Pb/Liter	Analysis Number	Spectrographic		Dithizone	
					Grams	Mg. Pb/100 g.	Grams	Mg. Pb/100 g.
[REDACTED]	43A-731	100	0.05	43A-732	14.5	0.06	18.9	0.06
[REDACTED]	43A-753	100	0.15	43A-754	20.0	0.045	22.7	0.05
[REDACTED]	43A-737	100	0.15	43A-738	18.20	0.15	18.55	0.17
[REDACTED]	43A-733	100	0.06	43A-734	15.6	0.04	19.1	0.05
[REDACTED]	43A-735	100	0.11	43A-736	18.4	0.06	18.6	0.075
[REDACTED]	43A-741	100	0.34	43A-742	15.2	0.135	17.5	0.15
[REDACTED]	43A-739	100	0.01	43A-740	14.8	0.055	18.8	0.06
[REDACTED]	43A-729	100	0.06	43A-730	17.2	0.04	17.5	0.04

Samples Received: 3-4-43

Samples Reported: 3-10-43

KE 0018503

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