UNIVERSITY OF CINCINNATI
CINCINNATI 19, OHIO

March 27, 1948

KETTERING LABORATORY OF APPLIED PHYSIOLOGY
COLLEGE OF MEDICINE—EDEN AVENUE

CABLE ADDRESS: KETLAB, CINCINNATI
TELEPHONE: UNIVERSITY 2665

Mr. Wm. E. McCormick,
The B. F. Goodrich Company,
Akron, Ohio.

Dear Mr. McCormick:

I send you herewith the analytical results on your employees. In view of the receipt of your telegram I should point out to you that it takes a little time to carry out such a number of analyses by working them into our regular daily quota. Except under the most unusual circumstances involving the immediate serious danger of the personnel, we could not dislocate our regular analytical regimen by undertaking to complete such a number of samples as this in any one batch. On this account the results came to my desk only yesterday and are being forwarded without any additional delay.

I am not sure that I have discussed the situation presented by systematic analyses of this type with you or with Dr. Wilson. I think, however, that I should make a few comments concerning the interpretation and disposition of data of this type. There is a tendency to look at these figures in much the same manner as one would air analyses. I decry this tendency very much, since the significance of the results is much greater than results of analyses of the air. These are primarily individual clinical data, and they should not be allowed to be gathered and dealt with in any other fashion. They should be recorded on medical records, and while it is not absolutely necessary that they be regarded as confidential, they should certainly not be bandied about for the consideration and interpretation of people other than those immediately concerned with medical records and medical results. They have great medico-legal significance and, in certain specific instances, they have great diagnostic significance.

If I make these comments unsolicited, it is for two reasons. We have had some considerable experience with this problem, and we have seen these data misused to the very considerable embarrassment of everybody concerned. Moreover, the matter of obtaining these results is expensive, and they should be studied carefully along with the clinical and environmental data so as to obtain every bit of information from them that can be extracted. Otherwise, in my opinion, it is much too expensive a way to obtain the necessary information. This is one of the matters that I had wanted to discuss with Dr. Wilson when, some time ago, I called your attention to the fact that I would like to talk with him at some mutually convenient time. Frankly, we do not like merely to carry out analyses of this type without knowing that the data are being used effectively.

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The fact is that we do not like to do these analyses merely as a technical service, since our whole use of this procedure has been for the purpose of obtaining medical and physiological information. We believe that we can take your data and obtain much more information from it than may now be being obtained. We think that either you should supply us with the information on the conditions of the work of these men, together with the pertinent employment and clinical data, or else that you should take all of the information, put it together and study it properly. Otherwise we are both working somewhat in the dark. In other words, we are not giving you our best advice because of our ignorance of your situation, and for the same reason we are not learning anything of consequence in the conduct of this work.

A few specific points in the results should be noted. I have underscored certain high results. It is not possible for me to advise what should be done in the case of these men, since I do not know the facts. However, the results on the high men should be checked, unless it is certain that they are representative of the lead exposure of these men. Some appropriate action should be taken in the case of Howard Fessler, at least, although, as I say, I am not in position at present to say what action should be taken.

Cordially yours,

Robert A. Kehoe, M. D.

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Enc.

LEAD STUDIES ON URINE AND BLOOD
FROM EMPLOYEES AT THE B. F. GOODRICH COMPANY, AKRON, OHIO

Name	URINE			BLOOD		
	Analysis Number	Volume ml.	Mg. Pb/ Liter	Analysis Number	Spectrographi	
					Weight Grams	Mg. 100
[redacted]	48A-1358	100	0.04	48A-1359	17.0	0.0
[redacted]	48A-1360	100	0.03	48A-1361	9.0	0.0
[redacted]	48A-1362	100	0.10	48A-1363	13.6	0.1
[redacted]	48A-1364	100	0.08	48A-1365	15.5	0.0
[redacted]	48A-1366	100	0.055	48A-1367	13.5	0.0
[redacted]	48A-1368	100	0.03	48A-1369	8.8	0.0
[redacted]	48A-1370	100	0.055	48A-1371	9.4	0.0
[redacted]	48A-1372	95	0.05	48A-1373	20.8	0.0
[redacted]	48A-1374	100	0.06	48A-1375	16.0	0.0
[redacted]	48A-1376	100	0.03	48A-1377	13.1	0.0
[redacted]	48A-1378	100	0.03	48A-1379	14.2	0.0
[redacted]	48A-1382	100	0.03	48A-1383	7.0	0.0
[redacted]	48A-1636	100	0.05	48A-1637	11.0	0.0
[redacted]	48A-1384	85	0.16	48A-1385	12.4	0.0
[redacted]	48A-1386	100	0.07	48A-1387	9.5	0.0
[redacted]	48A-1388	100	0.09	48A-1389	14.7	0.0
[redacted]	48A-1390	100	0.24	48A-1391	16.6	0.0

Name	URINE			BLOOD		
	Analysis Number	Volume ml.	Mg. Pb/ Liter	Analysis Number	Spectrographic	
					Weight Grams	Mg. Pb 100 g
[redacted]	48A-1392	100	0.03	48A-1393	17.2	0.04
[redacted]	48A-1394	100	0.12	48A-1395	16.6	Contaminated
[redacted]	48A-1396	100	0.06	48A-1397	6.8	0.04
[redacted]	48A-1400	100	0.05	48A-1401	11.2	0.06
[redacted]	48A-1402	85	0.08	48A-1403	19.0	0.04
[redacted]	48A-1639	82	0.07	48A-1460	16.1	0.05
[redacted]	48A-1398	82	0.06	48A-1399	8.0	0.05
[redacted]	48A-1404	100	0.06	48A-1405	8.0	0.03
[redacted]	48A-1406	100	0.08	48A-1407	6.0	0.03
[redacted]	48A-1638	100	0.12	48A-1461	17.7	0.06
[redacted]	48A-1410	100	0.08	48A-1411	10.8	0.05
[redacted]	48A-1408	100	0.07	48A-1409	6.5	0.04
[redacted]	48A-1412	100	0.03	48A-1413	19.7	0.03
[redacted]	48A-1414	100	0.06	48A-1415	13.8	0.06
[redacted]	48A-1416	100	0.04	48A-1417	20.8	0.04
[redacted]	48A-1418	100	0.04	48A-1419	6.5	0.06
[redacted]	48A-1380	83	0.04	48A-1381	15.0	0.03
[redacted]	48A-1420	100	0.10	48A-1421	5.4	0.06

*Both analyses run from the same sample.

	URINE			BLOC		
	Analysis Number	Volume ml.	Mg. Pb/ Liter	Analysis Number	Spectrographic	
					Weight Grams	Mg. P 100 g
[redacted]	48A-1422	100	0.05	48A-1423	15.0	0.05
[redacted]	48A-1424	100	0.10	48A-1425	10.9	0.06
[redacted]	48A-1426	100	0.06	48A-1427	16.9	0.04
[redacted]	48A-1428	100	0.04	48A-1429	8.5	0.04
[redacted]	48A-1430	100	0.03	48A-1431	5.7	0.04
[redacted]	48A-1432	100	0.03	48A-1433	10.3	0.03
[redacted]	48A-1434	99	0.15	48A-1435	10.5	0.05
[redacted]	48A-1436	100	0.06	48A-1437	19.5	0.03
[redacted]	48A-1438	100	0.13	48A-1439	11.1	0.04
[redacted]	48A-1440	100	0.07	48A-1441	15.0	0.03
[redacted]	48A-1442	100	0.03	48A-1443	11.0	0.05
[redacted]	48A-1444	100	0.075	48A-1445	17.1	0.03
[redacted]	48A-1446	100	0.09	48A-1447	13.5	0.05
[redacted]	48A-1448	100	0.075	48A-1449	10.2	0.04
[redacted]	48A-1450	100	0.03	48A-1451	14.4	0.03
[redacted]	48A-1452	100	0.03	48A-1453	15.0	0.04
[redacted]	48A-1454	85	0.08	48A-1455	19.8	0.05
[redacted]	48A-1456	100	0.11	48A-1457	4.8	0.04
[redacted]	48A-1458	100	0.05	48A-1459	19.2	0.03

Samples Received: 2-16-48
Samples Reported: 3-25-48