

De/KOR



October 18, 1971

Marcus M. Key, M.D., Director
 National Institute for Occupational Safety and Health
 Environmental Control Administration, Dept. HEW
 Parklawn Building, 8600 Fishers Lane
 Rockville, Maryland 20852

Dear Marc:

Dr. Milton Lewinson, Medical Director of Turner, Newall, in Great Britain visited with us on October 11. From New York, he went on to Pittsburgh. I suggested to him that it would be valuable if he could spend some time with your Cincinnati group; I hope he was able to fit this into his schedule. He brought a good deal of information concerning control measures now being utilized, for example.

He also provided new information of considerable importance concerning recent experiences at the Rockdale plant. It was studied at this factory, as you remember, which figured prominently in the considerations of the Committee which developed British standards in 1953. Previous cancer data from this factory had been published in 1958 (Knox, et al, British Journal of Industrial Medicine 25:200, 1958). These studies had been notable, among other things, for the fact that no pleural mesotheliomas had occurred among individuals who had begun work after 1927 (Table VIII, p. 302).

More recent experiences are less sanguine. While the total population that began work after 1923, when the 1921 regulations were fully implemented, have not been traced, a number of instances of mesotheliomas have come to Dr. Lewinson's attention, in his capacity as medical officer of the company. I am enclosing a Table given to me by Dr. Lewinson, which includes instances of mesotheliomas among individuals first engaged in 1927, 1940, 1941, 1943.

These are, in a sense, random cases and, until the total cohort is traced, we have no way of knowing what proportion

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of the post 1963 group will suffer asbestos cancer.

Nonetheless, these new data suggest caution in currently evaluating British experience limited to the short asbestos period utilized in their early recommendation.

Sincerely yours,

Irving J. Selikoff, M.D.
Professor

IJS:ee
Enc.

TABLE XVIII

continued...

(c) <u>Nonotheliom</u> cases at T.D.A. (Deaths)									
<u>Case</u>	<u>Date of birth</u>	<u>First engaged</u>	<u>Years since first exposure</u>	<u>Actual exposure</u>	<u>Age on scheduled areas.</u>	<u>Age at death</u>	<u>Date of Death</u>	<u>FM</u>	<u>Remarks</u>
<u>MALES</u>									
P	1971	1913	23	23	65	65	1936	Yes	-
FB	22/7/07	1922	42	1922-23 16 mths.	16	57	1964	Yes	Rubber Dpt. & W'house.
WW	17/7/07	1927	38	1937-38 1 yr.	58	59	1966	Yes	Started in H/sch. areas 1927-35.
ED	20/1/35	1914	53	7 mths.	25	72	1967	Yes	-
RB	1/11/05	1941	27	27	61	62	1968	Yes	-
WT	27/3/06	1929	39	10 (112)	33	61	1968	Yes	Diagnosed in life.
TV	3/7/07	1923	45	45	59	59	1968	Yes	-
JVS	12/6/07	1926	42	15	52	61	1968	Yes	-
KL	20/1/10	1929	39	39	29	60	1970	Yes	-
BC	27/10/19	1937	32	32	50	50	1970	Yes	-
LFA	19/12/07	1940	30	20	53	63	1970	Yes	-
<u>TOTALS</u>									
CF	7/2/1898	1915	44	5 mths.	18	61	1959	No	-
FS	1911	1926	40	9 yrs.	24	55	1966	Yes	-
BJ	1911	1925	43	7 11 yrs.	49	56	1966	Yes	Diagnosed in life.
		1934	24	6 yrs.					
EE	21/1/10	1924	45	25	16	59	1969	Yes	-
KN	12/5/23	1943	27	3	23	47	1970	Yes	-