

September 20, 1955

TO: LEGAL COUNSEL

We are enclosing herewith for inclusion in Volume IV, item 1954 #56, pages 1, 2, and 3, the writings of Dr. L. Kreyberg, that have been published since his first article on "Studies on Pulmonary Cancer", which you will find at page 1954 #37. Most of Dr. Kreyberg's material tends to support our principal thesis that lung cancer is more apt to occur as a result of atmospheric pollution than as a result of smoking.

These four items constitute a series of comments by the same author and for that reason we have sent them to you assembled in consecutive order.

Also enclosed is an item for inclusion in Volume V, under the heading "Air Pollution", by Clarence A. Mills, entitled "Nontuberculous diseases of the Chest and Related Matters." Dr. Mills is one of the leading experts in this particular field in the United States. Please note that in this article he mentions the fact that polluted air exacts a heavy toll in sickness and in death.

Another article by Drs. Dorn and Baum, entitled, "Mortality Among Workers in Cigarette Factories" is to be included in Volume V, under the heading "Statistical Analysis." This cites figures that prove that workers in cigarette factories have a relatively lower death rate than the general population. This bears directly upon the contention of some physicians that association with tobacco per se will be gravely detrimental to the health of the individual. Please note that this is concerned only with the statistical experience of the American Tobacco Company operation.

The most recent article that has come to our attention on the content of arsenic in tobacco is "A Hitherto Unsuspected source of Arsenic in Human Environment" by Roe E. Remington, published in June, 1927. This may be quoted, but is no longer a reliable index of arsenic content of tobacco because of the change in methods of insect control in tobacco cultivation. We would estimate that the current content of arsenic would be roughly one-tenth of that reported by Dr. Remington in 1927.

A. GRANT CLARKE

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