

VRD 0002000610

May 16, 1974

Mr. F. A. G. Collot d'Escury
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Dear Fritz:

The MCA sponsored study on mice has shown that angiosarcoma did develop at all exposure levels: 2500 ppm, 250 ppm, and 50 ppm. The exposure period was 7 hours per day, 5 days per week and 7 months had elapsed when the first results were obtained. Needless to say, this information created quite a stir.

The emergency temporary standard was not changed by OSHA from 50 ppm to 10 ppm; that was just one of many rumors. Instead, on May 10, 1974, the Federal Register contained the proposed permanent standard by OSHA and it effectively states "zero" exposure levels; otherwise protective clothing and fresh air breathing equipment will be required. I have enclosed a copy for you.

There have been no announced reactions to the proposed standard. Conoco is beginning to formulate its strategy regarding the standard.

Maltoni announced during a 1½ day seminar in New York City, sponsored by The New York Academy of Sciences and The American Cancer Institute, that he had observed one angiosarcoma in his initial rat study at 50 ppm, exposed 4 hours per day, 5 days per week for 52 weeks. He hastened to caution the rat was very old and the observation may not be meaningful. Maltoni has not seen significant angiosarcoma in his mice studies at 50 ppm, 4 hours per day, 5 days per week for 41 weeks. Please note the difference in exposure times per Maltoni and MCA.

One other note. There are apparently 13 documented angiosarcoma cases in the United States and 6 in Europe (2 in West Germany, 2 in Sweden, 1 each in Norway and the U.K.).

Yours very truly,

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Handwritten: 4-24-74