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Dr. J.W. Barrett

London Office

AROCLOR TOXICITY

On rereading my memo of September 20 to you I noticed an error in the second paragraph. I feel that this correspondence is sufficiently important to correct this paragraph.

This paragraph should read:

> You commented in your letter about the difference in toxicity between Aroclor 1254 and 1242. These differences are not surprising because in the earlier work it was found that toxicity increased with degree of chlorination. Of course, the volatility is important in the case of inhalation toxicity, and absorption into the intestinal tract is important from the point of oral toxicity. Frankly, there was not a great deal of difference between the two subject compounds. As you know, the maximum allowable concentration is 0.1 mg/cubic meter in the case of 1254 and is as high as 10.0 mg/cubic meter in the case of 1268. I think the former is too low and the latter is too high. In the United States they don't use maximum allowable concentrations (MAC) very routinely but certainly in England I think it would be alright to consider 0.2 mg/cubic meter as perfectly safe.

R. Emmet Kelly, M.D.

REK:k