BBC: Mr. P. G. Benignus - 7
Mr. J. B. Trotter - 7
Mr. W. Konrad - Chicago

TECH

December 17, 1952

Mr. D. W. Palmer
American Mutual Liability Insurance Co.
221 North LaSalle Street
Chicago, Illinois

Dear Mr. Palmer:

Your letter of December 11 to Mr. Benignus has been referred to me. I am attaching a booklet giving the physical properties of Aroclors together with information concerning packing materials. As far as gloves are concerned, leather is not attacked and so could be used if they did not become saturated. Resistoflex is made in the form of work gloves but they are somewhat stiff and, of course, cannot come in contact with water.

I am somewhat concerned by your statement of the nausea and headaches that the workers have. Aroclor has an m.a.c. of 0.5 to 1.0 milligrams per cubic meter of air, and at room temperatures we rarely find this concentration reached. If you could let me know the Aroclor used and the conditions of its use, such as the temperature and whether there is any exhaust ventilation, I would be in a position to advise you better. Certainly I do not believe that the fumes evolved at 180°F. should be breathed. This, of course, will depend upon what Aroclor is used. The larger capacitor manufacturers, such as General Electric and Westinghouse, have not experienced any of these circumstances.

It may be that your company has written to me already. I would appreciate knowing which one it was if that is possible.

Very truly yours

R. Emmet Kelly, M.D.
Medical Director

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Enclosures 2

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Transmitted
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