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General Offices

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Arochlors - Hydropericardium

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The Missouri group has finally published their report on the ability of Arochlor 1242 to produce toxic symptoms in the chick. This paper appeared in Poultry Science, volume 41, page 296, 1962, and a copy of same is attached.

A very complete report on hydropericardium was issued recently from the Food and Drug Administration and a copy of this report is also attached. You will note that here again reference is made to ability of Arochlor 1242 to produce hydropericardium.

I believe that it is the opinion of all who have done any work in this specific field that Arochlors are not the specific causative agents of hydropericardium. However, chlorinated hydrocarbons are suspect and I think that we should continue to watch this field to see if structures of the Arochlor type can serve as precursors to the toxic principle. I believe that this approach is now being evaluated at National Institutes of Health.

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Enclosures:2

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