

PX 1757

Letter, N. W.

December 7, 1955

Dr. H. J. Lucille
Dr. G. Vetter
J. L. Wiley - Dr. Lucille

Dr. H. J. Lucille
Research Institute

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As you know we have recently discussed with Dr. Lucille of the Kettering Laboratory at the University of Cincinnati the possibility of continuing test work on the 2,4,5-T chloracene problem. You also know that the 2,4,5-T problem has not been solved and chloracene remains as the outstanding problem of the Kettering plant in dealing with hourly personnel. Although the present plant is considerably safer than previous operations, we know of three new chloracene cases during the past year. About a large percentage of the men who have worked in the new department had chloracene from previous exposure. It is not possible to say that they could not have contracted chloracene in the new department.

I am convinced that the only solution to the problem is to isolate the chloracene causing material and remove it from the process. Our experience and that of Dow and DuPont already indicates that distillation of the chloracene material can provide this solution to the problem.

The Kettering Laboratory has successfully developed a test using human subjects and I have asked them to estimate the cost of establishing definitely whether or not the distillation step will effectively control the problem. A copy of Dr. Lucille's answer and cost estimate is attached.

It is my recommendation that we proceed with this work as rapidly as possible.

HJL/TF

H. J. Lucille

Attachment

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SCHEDULE #5