MAY 1967

D. J. Massey - St. Louis

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Aroclor
Duplex Quench Status

GR Buchanan - GBUCH
J Cresce - JCRES
SA Heininger
WR Richard - WRICH
[redacted]
McH/CLR/HJH/HSH

M. McEwen

We have completed Phase I of the program on the duplex quench technology which has been to introduce the technology to representative companies in the major industries.

Attached is a tabulation of the companies contacted, the reactions we have obtained, current activity, and my prognosis. This will give readers the scope of the development activity and the conclusions we have been able to reach to date.

As outlined in our memoranda to Al Heininger it is apparent that the development phase of a duplex quench technology program will take a good deal of time. We do have a number of reasonably favorable comments and some activity under way. I believe that we have also been broad enough in our selection of companies to contact, and the level of contact has been adequate to give us the best chance of getting a definition of possible commercialization.

Unless we select some of the other alternatives that we have discussed to assist in the commercialization or the commercial definition, it will take probably at least nine months to a year before any concrete information is available from these programs.

Another facet that appears to me to be a problem area is the question of toxicological effects and materials handling. The Medical Department in comments to me have commented on what they feel would be necessary to adequately protect personnel in the companies using the process and to protect Monsanto from liabilities. We obviously need more input on this question before a decision on full commercial activity on the use of Aroclor in the duplex quench process.

Our testing program with cooperating companies will give us a reading on their reactions and an exposure to their intended methods of handling. With that I believe we should have a reasonable chance of knowing whether the toxicity aspects of chlorinated aromatics will be a serious deterrent to commercial use.

D. J. Massey

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Attach.

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