Monsanto

St. Louis

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TO : C. E. Anagnostopoulos
E. S. Robson

Dr. John Birdsall of Wisconsin Alumni Research Foundation (WARF) called to tell me of studies to be undertaken by WARF on identification of "chlorinated hydrocarbons" residues in gulls and various shore bird species.

The work is at the request of Dr. Joseph Hickey of the U. of Wisconsin, who is being funded by the U. S. Department of the Interior Fish and Wildlife Service. We are familiar with Swedish publications which have identified "chlorinated hydrocarbons" in bird tissue and there is evidence from the Swedish publications that the commonly suspected source of these residues is not DDT or its degradation products (various of which were identified by Birdsall as DDE, DDD, etc.).

The Wisconsin work will be directed at gas chromatographic identification of the residue peaks found and a correlation of these with peaks obtained from chlorinated biphenyls such as Monsanto's Aroclor 1254, etc. The technique contemplated will be addition of aroclors to gull tissue containing known levels of DDT and its breakdown products.

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The WARF man responsible for this program is Francis Coon, head of the Chemistry Department (phone (608) 257-4851). Birdsall is suggesting that Monsanto and WARF work openly and share information on this project. WARF obviously will need information on the Aroclors and can and will obtain this from commercial sources in the event we do not choose to cooperate.

EXHIBIT
WBP M-22

Bob -
We discussed casually & SAH. He brought it up & asked whether I thought we should cooperate & thought we should. You'd want to know more about it.
Dan P 1-9-68

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I indicated that we would discuss this internally and an appropriate delegate from Monsanto would contact Coon within a few days to advise him the extent and nature of Monsanto's willingness to provide samples, technical information, and any cooperative research which might be contemplated.

Since the product responsibility for Aroclors has been assigned the Functional Fluids group, I presume Dr. Anagnostopoulos will designate the appropriate individual and perhaps it would be wise to notify our colleagues in MCL who have already called the Swedish publications to our attention.

S. A. Heininger

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