Monsanto INDUSTRIAL CHEMICALS CO.

FROM (NAME & LOCATION): E. S. Tucker - T2F

DATE: July 19, 1973 CC:

SUBJECT: TRIP REPORT

REFERENCE:

TO: M. W. Farrar - R2E
P. R. Graham - B3NB
R. E. Keller - T1B
W. B. Papageorge - B2NA
W. R. Richard - T3A

TASK GROUP FOR PCB ANALYSIS IN FLEXIBLE BARRIER MATERIALS - SUB-COMMITTEE F 2.30 MEETING

July 11, 1973

The Dow Chemical Company
Midland, Michigan

Attendees: Norman Bornstein - Cryovac
Louis DiBello - Cryovac
John Cobler - Dow
Tim Flint - Dow
Gordon Patterson - duPont
George White - Reynolds
Jim Yeransian - General Foods

The group discussion focused primarily upon the results obtained by each of the laboratories who analyzed the PCB round robin samples prepared by Cryovac. The agreement between laboratories was reasonably good although the design was poor from a statistical viewpoint.

The need for a standard method for the analysis of flexible barrier materials was questioned by John Cobler of Dow. Apparently, the companies represented are now not receiving many requests about PCBs in their films from their customers or regulatory agencies. Most of their current problems arise from independent consultant laboratories, used by their customers, who through lack of experience erroneously identify PCBs in their films. This is the same type of problem we have also experienced from time to time. For this reason, it was decided that the effort required to develop and publish a standard ASTM procedure was not warranted, but that a well documented suggested ASTM procedure was still desirable.

It was agreed, after incorporation of some suggested modifications of the tentative procedure, that a second set of round robin samples containing both Aroclor 1242 and Aroclor 1254 at three levels in

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duplication would be distributed by Cryovac to each laboratory for analysis. A film sample spiked with PCBs will also be included.

Another meeting to discuss the results of this second round robin will be held sometime in October. I do not feel that it will be necessary for me to attend this meeting but I think we should analyze this second set of samples and submit our results and suggestions. We will plan on analyzing these samples unless informed otherwise by the recipients of this report.

E. S. Tucker

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