Monsanto

12/9/68

FROM (NAME & LOCATION): W. R. Richard - Research Center

DATE: December 9, 1968

SUBJECT: AROCLOR TESTING

REFERENCE:

TO: E. Wheeler - EWHEE

cc:
E. Tucker JFQ
R. Keller JFQ
W. Johnson WJOHN
K. Wells KWELL
P. Benignus/J. Bryant PBENI
R. Munch JFQ

The issues on Aroclor toxicity testing are complicated. I know you plan to issue written program objectives. My understanding after last meeting 12/6/68 is as follows:

1. Determine whether Jensen and Co. really have Aroclor or not in tissue of birds:

   (a) by putting Aroclor through rats and chickens and seeing if we get the same or different peaks than found in Jensen paper. (Use mass spectrograph for check.)

   (b) by getting hold of tissues from nature which others say is Aroclor but which could be many other compounds. Use mass spectrograph to check vs. known Aroclor results.

2. Determine a tolerance level for Aroclor in feeding studies. Run a material balance on Aroclor to find out where it ends up.

3. Determine whether Aroclor is an enzyme inducer which affects steroids and Ca metabolism. (I really don't know what I am saying here but you can clarify.)

4. Keep track of what Govt. research labs are doing in way of testing, plus interpret their results for Monsanto.

5. Keep track of what Govt. research labs are finding in the way of geographical location of so-called PCB peaks, and in what species of animals. What does this mean in the way of product control by Monsanto. Check with Johnson of Callandras Laboratories.

6. Contact Baeyer in Germany to see if they have taken any action. Keep track of Japan incident through MMK.

Bill R

W. R. Richard

DSW 372806

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7) Analytical work should be initiated to determine the decomposition products when representative materials (paper) containing Aroclor are burned.

8) There should be follow-up with the fish and wildlife people at Patuxent with a request for duplicate samples of some of the tissues in which they have identified PCBs so that Scott can attempt to confirm their results.

NOT APPLICABLE

9) There should be further discussions initiated with Risebrough and others around the country whom we have not yet contacted but who we believe to be actively engaged in research projects looking for the PCBs.

NOT APPLICABLE

10) It was deemed advisable to arrange more formally for the correlation and analysis of all of the publications and bits of information which are available. This would include possibly statistical analysis by someone with appropriate biological and biochemical background as well as statistical analysis capability.

11) It was the consensus that the group should schedule monthly meetings to review progress. The first such meeting was tentatively scheduled for January 15 at Dr. Calandra's Laboratories in Chicago.

EPW

Elmer P. Wheeler

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