April 24, 1970

Mr. Lou Shoaff
Westinghouse Electric Corp.
Bloomington, Indiana

Dear Lou:

As relayed to you on the phone, we were indeed sorry you could not attend the meeting here in St. Louis. We were happy to have the other Westinghouse representatives. They felt the situation sufficiently critical to involve corporate Westinghouse. The meeting proceeded as follows:

Introduction of Westinghouse People to Monsanto People

Meeting began with welcome by K. Bergen of Monsanto with Paul Benignus introducing each speaker. Earl Gillette questioned why Bloomington was not represented. He was informed that Mr. Shoaff had called to say he could not attend.

E. Wheeler

E. Wheeler spoke covering the medical aspects. He provided a booklet 8 inches X 11 inches about 2 inches thick with related articles on PCB pollution. Attached are copies of the most recent related articles.

Basically, Wheeler's remarks were a review of the information in the booklet. Three other booklets were given to the Westinghouse representatives covering the studies on rats and dogs using Aroclors 1242, 1254, and 1260.

Dr. R. E. Keller & Dr. S. Tucker

Drs. Keller and Tucker discussed the analytical techniques in the PCB work to date. They covered that Monsanto has several teams working on this problem. Additionally many governmental and academic institutions are studying the problem.

W. Papageorge

W. Papageorge discussed the involvement of many people into this problem area and the various regulatory agencies involved. He

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He covered the Ryan report and the Monsanto reply.

Dr. W. Richard

Dr. W. Richard discussed the various techniques of waste control. Considerable discussion was held on future disposal systems for the electrical industry. He discussed the modified mixes etc. He discussed complete control for water, land, and air.

Dr. R. Munch

Dr. R. Munch discussed the intentions to modify the product compositions to more suitable biodegradeable materials. He pointed out the following composition of normal Aroclor 1242 is 20% dichlorobiphenyl, 50% trichlorobiphenyl, 23% tetrachlorobiphenyl, and 7% pentachlorobiphenyl or higher. The modified Aroclor 1242 (B) is about the same ratio for di and trichlorobiphenyl and the quantity is the difference between the tetra and higher. The tetrachlorobiphenyl is 67%. The pentachlorobiphenyl and higher are reduced to 2.3%. On biodegradation the normal Aroclor 1242 showed the following percentages of the respective peaks remaining after biodegradation.

Peak Number	1	2	3	4
1242	nil	66%	64%	42%
(Modified) 1242B	nil	10%	3%	1%

He mentioned that we particularly seek guidance on capacitor fluids.

Again the Westinghouse people emphasized the importance that the Bloomington people be involved.

Attached are some reference articles. Please advise if we can be of further service. Also, please advise when you plan to go to bulk shipments of scrap.

Regards,

J. G. (Jim) Bryant
Product Specialist
Dielectric Fluids

/dn
Attachments

cc: G. Randall Graham - New York
P. G. Benignus - St. Louis

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