Monsanto

COMPANY CONFIDENTIAL

FROM (NAME & LOCATION): E. E. Stewart, W. G. Krummrich Plant

DATE: August 3, 1972

SUBJECT: POLYCHLORINATED BIPHENYLS AND THE ENVIRONMENT

REFERENCES: WGK STRATEGY

TO : Mr. Art Leisy

cc G. L. Bratsch
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At our strategy meeting of 6/16/72 we agreed to determine the present concentration of PCB in fish. We have completed this task and the results can be summarized thusly.

1. Two each of four species of fish were taken from the Mississippi River about 15 miles south of the WGK plant. The PCB content in the edible portion ranged from 3 to 34 ppm.

2. Four fish of one species were taken from the Mississippi River about 100 miles north of the WGK plant. The PCB content in the edible portion ranged from 0.07 to 0.3 ppm.

Downstream fish are above the FDA guidelines of 5 ppm. However, the fish we obtained are not unlike fish taken throughout the United States with regard to PCB content. I have reviewed the Interdepartmental Task Force on PCB's report "Polychlorinated Biphenyls and the Environment" for reported fish data that was used for comparison with our data.

I recommend that we do not obtain any more fish data at this time. My guess is that we would get similar results. Professor Gunning from Tulane University (Monsanto consultant) said that we would need at least 100 fish taken over an extended period of time before we could note real cause and effect relations. I do not believe we should undertake such a program at this time. Perhaps more spot sampling in six months.

I also recommend that Hap Horner visit the Governmental Analytical Lab at Cincinnati as part of our strategy to resolve (low key) any possible method differences and to establish contacts with their analytical people.

EES

Edward E. Stewart
Technical Services Department

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