United States Department of the Interior
FISH AND WILDLIFE SERVICE
BUREAU OF SPORT FISHERIES AND WILDLIFE
Fish-Pesticide Research Laboratory
Route No. 1
Columbia, Missouri 65201

IN REPLY REFER TO:

March 29, 1974

Dr. Alan Nebeker
Western Fish Toxicology Laboratory
Environmental Protection Agency
1350 S. E. Goodnight
Corvallis, Oregon 97330

Dear Al:

Enclosed find the toxicity data we have available on Aroclor 1016. The work was accomplished both at this lab and at our LaCrosse, Wisconsin field station by Mr. Wilbur Mauck. As indicated previously, we have no specific isomer data nor any longer term, chronic toxicity test data.

Static and flow-through toxicity tests were conducted under conditions generally as outlined in APHA (1971), Lennon and Walker (1964), and Mount and Brungs (1967). Values for LC50 (lethal concentration estimate for 50% of the test organisms) were calculated according to the method of Litchfield and Wilcoxon (1949). Time independent LC50 and LC10 values (concentration estimate at which 50% (90%) of the test organisms can live for an indefinite period of exposure) were calculated by the method of Green (1965).

I am quite interested in following the progress of your action relative to Aroclor 1016 and would appreciate receiving copies of the information you accumulate on it. I would especially like to know the outcome of your efforts and what the future applications and production of 1016 is predicted to be.

If you have other questions concerning our work please feel free to call me.

Sincerely,

W. Waynon Johnson
Fishery Biologist

jm

Enc.

MONS 092301

Literature Cited

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Lennon, R. E., and C. R. Walker. (1964). Laboratories and methods for screening fish-control chemicals. U. S. Bur. Sport Fish. & Wildl. Invest. in Fish Control No. 1 and Circ. 185:1-15.

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