

February 16, 1970

Mr. Harold R. Hoyle
Biochemical Research Laboratory
Dow Chemical Company
1701 Building
Midland, Michigan 48640

Dear Harold:

Although we have developed a tremendous effort in the last year-and-one-half concerning the polychlorinated biphenyl interferences in pesticide residue analysis, I have not found any data that would indicate a change in the TLV's for the 42 and 54% chlorinated materials. I think I have in hand everything that has been published on the PCB-DDT situation and, although there have been references to toxicity studies underway, the latter relate to fish and birds principally. We have supplied samples to several FDA, FWPCA, Fish and Wildlife Service Laboratories, NAPCA, etc. and know that only two FDA laboratories are doing straight mammalian toxicity work.

We have two-year chronic studies underway at Celandra's using rats and dogs and a three generation rat reproduction experiment in progress. At the moment I don't foresee that the results of these studies should lead to the reduction of TLV's for industrial workers. The way things are going in the whole field of environmental control, I won't presume to make any such statement as a flat prediction. Developments in the next six months to a year will have a tremendous effect on the relationship of toxicity in any living species and exposures to humans.

Best personal regards.

Sincerely,

Elmer P. Wheeler,
Manager, Environmental Health

EPW:ju

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