April 28, 1972

Dr. Otis Pancher
624 N. Abrego Drive
Green Valley, Arizona 85614

Dear Otis:

I am ashamed that I have been so slow in reviewing the manuscripts and sending you our comments. I guess Kep's sending me the chronic rat and dominant lethal and chicken study on the 18th of April finally stirred me to move.

First of all, I agree we should hold up the publication of the chicken work until the current study is completed.

The only other comment I have of substance is that I wish we could work in several paragraphs reviewing the Treon work on vapors published in 1956 (see enclosed xerox copy of reprint). A logical place for a review of those data would be at the top of the 3rd page of your review paper, before your paragraph at the top which begins with "During succeeding years little information was reported concerning the toxicology of the PCB until McLaughlin etal, 1963, etc."

Most of the review articles on the PCB's have failed to indicate awareness of the Treon work. I believe this is because the Risebroughs, Peakalls, etc., etc. -- the environmentalists -- have not encountered the American Industrial Hygiene Association Quarterly in the review of the literature nor is it likely that they ever heard of the AIHA.

In any case, I think the work is worthy of review even though it was inhalation data particularly since Drinker's earlier work in '37 is frequently mentioned and this again concerned inhalation.

In the last paragraph of this same review paper you

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refer to the "permissable ambient concentrations of PCB's" as suggested by Drinker in 1939. Actually the ACGIH established the Threshold Limit Values based on Treon's work rather than the earlier Drinker work. I believe we may have arrived at our high dietary level of 100 ppm in the studies done at Bio-Test based on the Treon work rather than Drinker's.

George Levinskaas is reviewing each of the papers to see if you, Kep and I have missed typo's and he may well suggest some grammatical changes which we will enter on our copy and send xerox's to you and Kep.

I hope to get copies of all of the studies in the hands of Bill Papageorge, Scott Tucker and the lawyers next week. I do not anticipate a lot of changes from them and hope that the attorneys agree that we can go ahead with publication.

Best personal regards,

Sincerely,

Elmer P. Wheeler
Mgr., Environmental Health
Medical Department

EPW/bks

cc: M. L. Keplinger

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