

June 1, 1970

Herbert E. Stokinger, Ph.D.
Chief, Laboratory of
Toxicology and Pathology
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Department of Health,
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1014 Broadway
Cincinnati, Ohio 45202

Dear Herb:

In reply to your letter of May 28, I am mailing under separate cover today a status report on our chronic studies with three polychlorobiphenyla. I enclosed with this letter a summary of the status of the data which we think reflects Dr. Calandra's interim reports.

Briefly, two-year chronic feeding studies were begun in dogs in May, 1969. The materials under test are Aroclor 1242 (biphenyl chlorinated to the extent of 42%); Aroclor 1254 (biphenyl chlorinated to the extent of 54%); and Aroclor 1260 (biphenyl chlorinated to the extent of 60%). These are being fed at the levels of 1, 10 and 100 parts per million. Dr. Calandra's status report for the dog studies is dated following 11 months of administration as of April 23, 1970.

Each material is also being administered to rats for two years at the same levels. The rat studies also started in May, 1969 but we added 300 additional rats in July to provide for interim sacrifice at three months, six months and twelve months. Dr. Calandra's reports then show the effects on the animals after nine months of feeding with comments on micropathology on those animals sacrificed after three month and six month periods.

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We feel that the results to date indicate that the three test materials are about the same order of toxicity as DDT.

I will be happy to discuss the reports with you by phone and will try to reach you this week.

Best personal regards.

Sincerely,

Elmer P. Wheeler
Manager, Environmental Health

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Enclosure