



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

December 7, 1982

TO: Edwin Budd, Section Head
Toxicology Branch, TS-769

FROM: Louis Kasza, Pathologist *L.K.*
Toxicology Branch, TS-769

SUBJECT: Recommendation of Dr. Thompson's Histopathologic Study
for the Evaluation of Resmethrin in Chronic Feeding Study

OFFICE OF TOXIC SUBSTANCES

I recommend that the pathologic effects of Resmethrin should be evaluated based on the report of Dr. Thompson.

Reasons:

- 1) Dr. Thompson used approximately five times as many sections in his examination than the number of sections used in previous studies.
- 2) Dr. Thompson made all diagnoses without the knowledge of the dose levels administered. Identification of the slides and tabulation of the results took place after completion of the histopathologic descriptions.
- 3) Dr. Thompson's reevaluation was cosigned by Dr. Becci who was one of the principal coinvestigators in previous studies.
- 4) Dr. Thompson is well known and is a widely respected pathologist with great experience in rodent pathology. He has published several papers describing the effects of chemicals and lesions in experiments in rodents. His knowledge (published book) in histochemistry makes him one of the most respected scientists in this field.
- 5) The reevaluation and submission of additional data was requested by the EPA. The submitted data in Dr. Thompson's report were necessary in order to make an evaluation of Resmethrin toxicity in animal experiments.

cc: Dr. O. E. Paynter, TS-769
Branch Chief

Dr. J. Doherty, TS-769
Principal Reviewer

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