

US EPA ARCHIVE DOCUMENT

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: January 8, 1977

SUBJECT: Addendum to Pathology Report on Prowl, 24-month rat Study
Bio Dynamics Inc. Report No. 72R-746, dated August 17, 1976

FROM: Toxicology Branch

TO: PM # 25, Mr. R. Taylor

Pesticide Reg. No. 241-243

Pesticide Petitions: 5F1556, 6F1704, 7E1896

A special report by a pathologist (Dr. Robert F. McConnell) dated July 9, 1976 was submitted. The report was the result of re-examining the pathology slides for purposes of preparing enlarged photomicrographs.

The report states that:

1. The liver pathology observed originally in 4 male rats at the high feeding level (2500-5000 ppm) was recognized in one additional rat.
2. It also states that some pathology of the thyroid gland was evident; the follicular cells of the thyroid follicles of high dose animals (both sexes) contained increased secretory globules as compared to control rats.

It is implied in the report that these same changes were not seen at the lower dose levels, although it is not expressly stated. We request an expansion of the report by Dr. McConnell stating whether or not he has examined the tissues of intermediate and low dose animals and whether or not the conditions he describes were present at the lower levels.

If the conditions were in fact not present the observed NEL previously assigned to this study would not be altered; it would remain at 500 ppm.

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2/10/77

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247