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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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OFFICE OF RESEARCH AND DEVELOPMENT

SUBJECT: Review of Rat Pheochromocytoma Data on Metalaxyl

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I have reviewed the CIBA-GEIGY material on metalaxyl which I received on February 26, 1985. This material included adrenal gland tumor data from a two-year oncogenicity study in rats (Vol. I-V, February 14, 1985) and was submitted by the registrant to resolve some of the difficulties in interpretation and data discrepancies which I had reported on earlier in memos to John Melone (December 21, 1984) and Henry Jacoby (January 30, 1985).

Based upon my review of the data, I have tabulated the following findings:

TABLE I

Incidence of Adrenal Gland Pheochromocytomas in Male Rats Fed Metalaxyl for Two Years (CIBA-GEIGY, February 14, 1985)

<u>Matched Control</u>	<u>50 ppm</u>	<u>250 ppm</u>	<u>1250 ppm</u>
8/80 (10%)	6/80 (7.5%)	11/80 (13.8%)	15/80 (18.8%)

Fisher Exact Test

P = 0.085; not significant

Test for Linear Trend

P = 0.049; borderline significant