US EPA ARCHIVE DOCUMENT

MEMORANDUM (1-1-81)

Subject: Meeting on Metolachlor Toxicology Reviews 1981

To: Files 100-587, 100-597

Participants

Bill Burnam	TOX. Branch, HED	Jim Akerman	FHB, RD
Gary Burm	" "	Dick Mountfort	" "
Larry Chitlik	"	Jim Stone,	" "

A meeting was held to discuss current studies of the toxicology review of metolachlor petitions. RD pointed out that some had been pending over a year and that [redacted] we needed a review.

Discussion was held on two areas

(1) ADI: it was concluded that the proposed tolerances would have added 20-40% to the ADI (100-200% of the TMRC) and wouldn't have been a problem except for the review of the IBT chronic rat study.

(2) IBT rat study: Our toxicologists have concluded the the study is supplemental but shows oncogenic effect in the liver at the high dose. Although previous reviews and ~~[illegible]~~ the Metolachlor Standard indicated that this study showed no evidence of oncogenicity, this conclusion is incorrect. They said they could find no reason for this study, only the calculation

report indicating the study was supplemental to the point, they didn't review supplemental IBT studies. They ~~[illegible]~~ can not ignore the results and ~~let~~ have conducted a one-hit risk assessment which indicated that risk is ~~[illegible]~~ in the middle of the range (10^{-5} - 10^{-6}).

It was decided that today they would give us their version, and once we received it we would telephone Ciba-Geigy informing them of the result of the review of the risk study. They would be willing to meet with the company. They would review the data submitted last week (rat reproduction, 12 month interim report on the acute chronic rat study) to see if adverse effects were found in the studies, and they would conduct a complete risk assessment in the next ~~two~~ to two months. The decision would be made on the proposed tolerance at this time.

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