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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUL 26 1990

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

Memorandum

Subject: Atrazine Special Review. Additional Analytical
Method and Storage Stability Data.
MRID Nos. 413971-01, -02, -03, 414234-01.
DEB Nos. 6796, 6797.

From: Michael S. Metzger, Chemist *Michael S. Metzger*
Dietary Exposure Branch
Health Effects Division (H7509C)

Thru: Richard D. Schmitt, Ph.D., Chief *Richard D. Schmitt*
Dietary Exposure Branch
Health Effects Division (H7509C)

To: Jude Andreasen, Review Manager
Special Review Branch
Special Review and
Reregistration Division (H7508C)

DEB has been asked to review the following 4 documents with regards to their usefulness for determining anticipated residues of atrazine for dietary exposure assessment; specifically, whether these methods or storage stability data will be useful for determining revised anticipated residue values considering the revised definition of the total toxic residue (TTR) for atrazine:

<u>MRID No.</u>	<u>Title</u>
413971-01	Atrazine - Sample Storage Stability Interval Summary
413971-02	Ruggedness Testing of Atrazine Analytical Method AG-484 for the determination of Atrazine and Its Metabolites G-30033, G-28279, and G-28273 in Field Corn Forage, Field Corn Grain, and Sweet Corn (K + CWHR)
413971-03	Ruggedness Testing of Atrazine Analytical Method AG-476 for the Determination of Atrazine and Its

Metabolites G-30033, G-28279, and G-28273 in Beef Muscle, Beef Fat, and Beef Blood

414234-01 Multiresidue Method Testing of Atrazine, Simazine, and Their Chloro- and Hydroxytriazine Metabolites in Crops and Animal Tissues

The revised TTR for atrazine includes the combined residues of atrazine and its metabolites containing the triazine ring. Previously, the TTR included only the combined residues of atrazine and its chlorometabolites.

All of the information in these reports reflect only the combined residues of atrazine and its chlorometabolites. No information is provided which would assist in the reevaluation of atrazine anticipated residues considering the revised TTR. We will not review this data in any greater detail at this time because, in light of the revised TTR for atrazine, these data do not include analytical methods or storage stability data useful for revised anticipated residue determination. These reports will be considered in greater detail when other data, also submitted in response to the Atrazine Registration Standard, are reviewed.

cc: M. Metzger (DEB), Atrazine Reg. Std. File, Atrazine SF, RF, Circu (7), C. Furlow (PIB/FOD, H7506C)
RDI:F.Suhre:FS:7/16/90:RDS:7/16/90
H7509C:DEB:M.Metzger:MM:Rm810:CM#2:7/16/90