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SHAUGHNESSEY NO.

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REVIEW NO.

EEB REVIEW

DATE: IN 2-27-89 OUT MAR 2 1989

FILE OR REG. NO 3125-351

PETITION OR EXP. NO. _____

DATE OF SUBMISSION 2-10-89

DATE RECEIVED BY EFED 2-23-89

RD REQUESTED COMPLETION DATE 3-22-89

EEB ESTIMATED COMPLETION DATE 3-22-89

RD ACTION CODE/TYPE OF REVIEW 352

TYPE PRODUCT(S) : I, D, H, F, N, R, S Synthetic Pyrethroid

DATA ACCESSION NO(S). _____

PRODUCT MANAGER NO. G. LaRocca (15)

PRODUCT NAME(S) Baythroid 2 (Cyfluthrin)

COMPANY NAME Mobay Corporation

SUBMISSION PURPOSE Submission of addendum to mesocosm protocol

SHAUGHNESSEY NO.	CHEMICAL, & FORMULATION	% A.I.
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MAR 2 1990

MEMORANDUM

SUBJECT: Review of Addendum to Mesocosm Protocol

FROM: *for* James W. Akerman, Chief
Ecological Effects Branch
Environmental Fate and Effects Division (H-7507-C)
Raymond W. Matheny 3-2-89

TO: George La Rocca, Product Manager 15
Insecticide and Rodenticide Branch
Registration Division (H-7505-C)

On February 23, 1989, the Ecological Effects Branch (EEB) received a request to review an addendum to the mesocosm protocol. It is very clear from this submission, that the registrant has not addressed the concerns that were identified in a review dated January 5, 1989.

The January 5, 1989 EEB review listed 43 changes that were recommended in order for this protocol to be acceptable. Included in the changes was a suggested study design that differs from the current submission. Therefore, the submitted loading regime can not be considered since it differs considerably from what is recommended in the January 5, 1989 review.

EEB is awaiting a response to the January 5, 1989 review, specifically addressing the study design, before a loading regime will be reviewed.

The simulated field study (mesocosm data) along with a fish life cycle are required in order for EEB to complete a risk assessment. These data are required by March 31, 1990. Delays in addressing the protocol changes may delay study initiation, therefore the data may not be submitted by the due date of March 31, 1990. This would ultimately jeopardize the conditional registration of this compound.

If you have any further questions, please feel free to contact Candy Brassard (703) 557-0019.

Cyfluthrin ecological effects review

Page _____ is not included in this copy.

Pages 3 through 21 are not included in this copy.

The material not included contains the following type of information:

- Identity of product inert ingredients
 - Identity of product impurities
 - Description of the product manufacturing process
 - Description of product quality control procedures
 - Identity of the source of product ingredients
 - Sales or other commercial/financial information
 - A draft product label
 - The product confidential statement of formula
 - Information about a pending registration action
 - FIFRA registration data
 - The document is a duplicate of page(s) _____
 - The document is not responsive to the request
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The information not included is generally considered confidential by product registrants. If you have any questions, please contact the individual who prepared the response to your request.
