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RECORD NO.

109303
SHAUGHNESSEY NO.

8
REVIEW NO.

EEB REVIEW

DATE: IN 5-18-88 OUT JAN 11 1989

FILE OR REG. NO 352-502, 352-485
PETITION OR EXP. NO. _____
DATE OF SUBMISSION 4-27-88
DATE RECEIVED BY EFED 5-17-88
RD REQUESTED COMPLETION DATE 7-25-88
EEB ESTIMATED COMPLETION DATE 7-5-88
RD ACTION CODE/TYPE OF REVIEW 300

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) Asana: 352-502

Pydrin: 352-485

COMPANY NAME Dupont

SUBMISSION PURPOSE Submission of progress report on
simulated aquatic field study

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

MEMORANDUM

Subject: Mesocosm Study Quarterly Report

From: Michael Rexrode, Fisheries Biologist
Ecological Effects Branch TS-769C

Thru: Doug Urban, Section Head
Ecological Effects Branch TS-769C

Thru: Norm Cook, Acting Chief
Ecological Effects Branch TS-769C

To: George LaRocca, Product Manager
Registration Division

The Ecological Effects Branch (EEB) has received and read the quarterly progress report on the ASANA mesocosm experiment. The report states that three pretreatment scenarios were selected to try to minimize interpond variance. Groups of four ponds each were managed using three different techniques. These were:

- 1) bluegill stocked with interpond water circulation
- 2) no stocked bluegills, no interpond water circulation, and
- 3) bluegill stocking with no interpond water circulation

The registrant suggests that the best approach to minimize interpond variance appears to be techniques that use interpond water circulation accompanied by the presence of Fish. EEB will not comment further until effects data are submitted.