

US EPA ARCHIVE DOCUMENT

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

SUBJECT: Requested time extension (to May 29, 1987) for
submittal of Mysid Shrimp Life-cycle study in
response to DCI notice of October 25, 1985.

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3/11/87

TO: George LaRocca, PM 15
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The registrant, DuPont, has requested an extension of the due date for submitting the fenvalerate (ASANA) mysid shrimp life-cycle study. They were given a prior extension to February 1, 1987 because of delays in obtaining usable Mysid shrimp and problems with developing a sufficiently sensitive analytical technique.

Apparently, these difficulties have been resolved. The shrimp are now available and analytical sensitivity of "ASANA" is possible to as low as 0.3 ppt. Springborn Bionomics Inc., the laboratory contracted to perform this study, reports that they are able to complete the study in March, with a report to be issued by May. The Ecological Effects Branch (EEB) agrees to the extension in due date for submitting this life-cycle study.

The registrant further requests that EPA concur with their proposed method of validating the lowest doses tested by extrapolation rather than by direct analytical detection. According to Springborn, their analytical technique will be valid for four if not five concentration levels. The Agency can not determine the appropriateness of any extrapolations of concentration levels until the study is submitted and evaluated relative to scientific soundness and whether a good dose-response for the detectable concentrations exists.