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

SEP 13 1989

MEMORANDUM

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OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

SUBJECT: Review of Freshwter Fish Toxicity and Pathogenicity Test for Conditional Registration of Dagger G Biofungicide

FROM: Zig Vaituzis, Microbiologist
Ecological Effects Branch (H7507-C)
Environmental Fate and Effects Division

Zig. Vaituzis 9/13/89

THRU: Raymond W. Matheny, Head Section 1
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Environmental Fate and Effects Division

Raymond W. Matheny 9/13/89

For James W. Akerman, Chief
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Douglas F. Urban 9/13/89

TO: Susan Lewis (PM-21)
Fungicide/Herbicide Branch
Registration Division (H7505-C)

The Ecological Effects Branch has received and reviewed the Freshwater Fish Toxicity and Pathogenicity Study submitted by Ecogen, Inc. as required by the conditional registration of Dagger G Biofungicide (Pseudomonas fluorescens). The following study is being included in the branch file on Dagger G:

Bretler, R.J. 1989. The Potential Infectivity and Pathogenicity of Pseudomonas fluorescens to Lepomis macrochirus Under Satic Renewal Conditions. Study conducted by Springborn Life Sciences, Inc., Wareham, MA. Report No. 89-2-2942. Submitted by Ecogen, Inc., Langhorne, PA. MRID No. 410843-01.

This study is scientifically sound and fulfills the guideline requirements for a toxicity/pathogenicity study using freshwater fish. The results of the study show that commercial use of Dagger G is not expected to produce any adverse effects on freshwater fish.