TO: George Larocca, PM13  
Registration Division  
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FROM: Ronald Parker, Ph.D., Environmental Engineer  
Surface Water Section  
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THROUGH: Henry Nelson, Ph.D., Head  
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Henry Jacoby, Chief  
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Product Name: Karate (Cotton Pyrethroids)

Common Name: \( \lambda \)-Cyhalothrin

Type of Product: Insecticide

Company Name: Zeneca

Chemical #: 128867

DP Barcode: D188686

Purpose: To complete refined aquatic exposure assessments through computer modelling for Lambdacyhalothrin, Cyfluthrin, Cypermethrin, Esfenvalerate, Tralomethrin, Bifenthrin and Permethrin, through review of aquatic mesocosm studies for LambdaCyhalothrin, Cyfluthrin, Cypermethrin, Esfenvalerate and Tralomethrin and through review of pond studies for Bifenthrin and Permethrin.

Modelling results and review of the five mesocosm reports and two pond studies are contained in 'Final Report: Cotton Pyrethroid Insecticides' dated April 1, 1993. A separate cotton pyrethroid exposure report was not prepared.