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ENVIRONMENTAL PROTECTION AGENCY

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Changes in Goal Review

Wildlife Biologist
Ecological Effects Branch

Richard Mountfort (PM #23)
Registration Division TS-767

Norm Cook
Head, Section 2, EEB

Clayton Bushong, Chief
Ecological Effects Branch

It has come to the attention of the Ecological Effects Branch that certain changes are necessary in the Goal Review dated 6/30/81 by D. Rieder.

Change 1: (See Sections 104.3.1 Cotton, 107.4 Data Adequacy Conclusions, and 107.7 Recommendations #3). Consultation with the Office of Endangered Species will not be initiated until the field monitoring study is completed and the results of toxicity tests on mussels are available.

Change 2: (See Section 107.5 Data Requests) The "Aquatic Invertebrate Reproduction study" with Daphnids is no longer considered necessary. The acute toxicity tests show that Oxyfluorfen is more toxic to fish (LC50's of 200 to 400 ppb) than to Daphnia magna (LC50 = 1.5 ppm) so it is unlikely that the invertebrate reproduction test would yield an MATC lower than the fish MATC of between 38 and 74 ppb.

When the field monitoring is completed, the resulting measured environmental concentrations will be compared to freshwater mussel toxicity data being generated at the EPA lab in Beltsville. This will provide the basis for a future endangered species consultation.

Daniel Rieder
Daniel Rieder

Daniel Rieder/CDW/CS#4/1/7/82/557-5651/TS-769

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