William H. Hunt - Medical

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Aroclors - 3 Generation Rat Reproduction and Fish Toxicity

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A visit to Industrial Bio-Test Laboratories, Inc., April 28, 1970 revealed the following progress to date of this study:

The first litters of F_1 were OK for 1242. However, the females for F_2B (second time around) failed to become pregnant at the 100 ppm level. The other two levels were OK. Only 1 female had pups which are now 12 days old. As a matter of fact only 2 or 3 of the 16 females are pregnant and they haven't delivered as yet. It is planned to remate these females for 1 week to see what will develop.

Regarding the fish toxicity studies (catfish and bluegills) the time scheduled will be 2 to 3 weeks behind because doses which were believed to be OK produced 100% kill.

At levels of 1 to 10 ppm for both 1242 and 1254, for 50 fish per level, all died.

For 1260 at levels of 10 and 100 ppm there were a few survivors at 10 but all were dead at 100 ppm.

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