H. S. BERGEN - B2SA

August 25, 1971

TOXICITY STUDIES
AROCLOR 1016, 1221, and 5432
(Your Memo of 7/12/71)

W. B. Papageorge

R. E. Keller - 1760
A. J. Koenig - B3MF
W. R. Richard - T3A
E. P. Wheeler - A2SA
J. E. Springgate
G. G. Koenp - B2SK
T. L. Gossage - B2SL

In your referenced memo you recommend we proceed with further studies on these products on birds and fish. You now estimate the cost to be $50M with the outside testing agencies, and an additional $10-15M back up in St. Louis research for lab tissue work, for a total of $60-65M.

Confirming our discussion today, I concur this work is necessary and that we should proceed to do it. It was agreed that you would provide some funding from your budget this year and then pay most of it in 1972. This means we will have to include this amount in our 1972 budgets and it should be appropriately divided between the Plasticizers and Specialty Products Business Groups.

In addition, we felt we should include Aroclor 1109 for Geigy, and also as a possible replacement for Aroclor 1221 in plasticizer blends or other Aroclor 1221 replacements. You also felt we needed a comparison product such as DDT or Aroclor 1254 for control reasons.

In summary, hold to the 1971 budget but it will be necessary to budget for this in 1972.

H. S. BERGEN

/jf

DSW 202414

Monsanto

FROM (NAME & LOCATION) W. B. Papageorge - St. Louis

DATE : July 12, 1971

SUBJECT : TOXICITY STUDIES
AROCLOR 1016, 1221
AND 5432

REFERENCE :

TO : H. S. Bergen - B1SA

R. E. Keller - Queeny
A. J. Koenig - B3NF
W. R. Richard - T3A
E. P. Wheeler - A2SA

→ JF
BK 7/29/71

To strengthen our defense position, we must have more information on the effect of Aroclor 1016, 1221 and 5432 on birds and fish.

These studies were not programmed or budgeted for 1971. The chicken reproduction studies are estimated to cost $20,000. The fish sub-acute studies will probably cost $25,000.

I recommend we proceed with these studies. Your approval to over-run the PCB-Administration budget by $45,000 is requested.

W B Papageorge

W. B. PAPAGEORGE

/kl

DSW 202415

IN-10 REV. 11-65

G. G. Kosup - General Offices

September 22, 1971

PCB TOXICITY BUDGET - 1972

H. S. Bergen
J. E. Springgate
W. B. Papageorge
A. J. Koenig
W. E. Maledon

Roger W. Bucknell

This is to confirm our conversation of September 21.

The 1972 Toxicity Budget on PCB will relate to three products: 1016, 5432, and 1109. No work will be done relating to 1221.

Each of the three areas will require $20,000 for a total of $60,000 in 1972.

To determine an equitable split of the costs between Plasticizers and Specialty Products, we tabulated the total pounds budgeted for each of these products for 1972. In the case of 1109, the Plasticizers total includes the appropriate amount that is budgeted as a part of your 6000 Series sales.

According to the attached table, we should pick up all of the cost on 1016, 82% of the 5432, and 48% of the 1109. The remainder should be Plasticizers.

On this basis, you should budget $3.6 M on 5432 and $10.4 M on 1109, for a total of $14,000. Specialty Products will budget $46,000.

G. G. Kosup

/br
Att.

DSW 202416