

Elmer P. Wheeler, Medical Department

January 29, 1970

Status of Aroclor Toxicological Studies

J. S. Barrett, ~~Director~~  
~~M. G. Bergman, M.D.~~  
W. B. Papegeorge, ~~M.D.~~

D. S. Cameron  
Brussels

Enclosed is a copy of the reports from our consulting laboratory indicating the status of the animal toxicity studies. I have summarized the pertinent findings separately and as indicated in the table.

We have given copies of these data to one U. S. customer, the U. S. FDA and one or two other state agencies. I don't see why this information cannot be released with discretion in Britain or Europe.

Our interpretation is that the PCB's are exhibiting a greater degree of toxicity in this chronic study than we had anticipated. Secondly, although there are variations depending on species of animals, the PCB's are about the same as DDT in mammals.

We have additional interim data which will perhaps be more discouraging. We are repeating some of the experiments to confirm or deny the earlier findings and are not distributing the early results at this time.

Elmer P. Wheeler

KPW:ju

Enclosure

NONS 098480



Monsanto

FROM NAME & LOCATION: G. W. Miller - Anniston, Alabama

CONFIDENTIAL

DATE: May 7, 1970  
SUBJECT: AROCLOR POLLUTION  
AWIC CONTACT  
REFERENCE:  
TO: C. L. Jesse

J. C. Landwehr  
K. L. Williams  
P. B. Hodges - G.O.  
W. B. Papageorge - G.O.  
F. J. Holzappel - G.O.  
J. R. Savage - G.O.  
E. V. John - G.O.  
J. H. Crowe - Decatur  
E. G. Wright

On May 6, Messrs. J. C. Landwehr, E. G. Wright and I visited Mr. J. L. Crockett, Technical Director of the Alabama Water Improvement Commission, in Montgomery. The purpose of the contact was twofold; first, to familiarize Mr. Crockett with the situation regarding Aroclor wastes and their reported pollution potential and, secondly, to build confidence that Monsanto intends to cooperate with governmental agencies to define the effects of Aroclor on the environment.

Mr. Crockett and the AWIC staff were totally unaware of the published information concerning Aroclors. Copies of the most pertinent articles describing the situation along with Mr. Minckler's statements were provided for his use. Additional information supplied covered the following facts: 1) Monsanto is currently investigating independently and in cooperation with governmental agencies the potential ecological effects of Aroclors. 2) Investigation and research programs are underway at Anniston to identify, quantify and develop techniques which would control product losses to the environment. 3) Any Aroclors reaching the watershed from the Anniston plant were entering Snow Creek. 4) The production process was described in general detail to point out that water was not essential to production of Aroclors, and waste water was produced only by auxiliary equipment such as steam jets, etc.

Mr. Crockett was most appreciative of Monsanto's approach to the problem and the fact that Monsanto came to him. He alluded that our action would produce a situation that was beneficial to the protection of both the Monsanto and AWIC positions. His recommendations were as follows:

1. Supply the AWIC with a general process description detailing potential loss sources.
2. Continue to develop information and as major items develop inform the AWIC.
3. Give no statements or publications which would bring the situation to the public's attention.
4. If approached by news media, either the AWIC or Monsanto is free to state that the situation is under study by the staff of AWIC at the direction of the Technical Director, Mr. Crockett.
5. If in the future, information is developed indicating that Aroclors are detrimental to watersheds, Monsanto will be required to secure a permit from AWIC to allow certain maximum quantities of chlorinated biphenyl to enter Snow Creek.

PLAINTIFF'S  
EXHIBIT

5

DSW 014098

