August 14, 1973

Mr. J. F. Cormack
Water & Solid Waste Programs
Environmental Services
Crown Zellerbach
Camas, Washington 98607

Dear Mr. Cormack:

To assist you in your survey of your plants for sources of polychlorinated biphenyls, I have attached a list of the current and former uses of Monsanto's PCBs.

As you can see, the applications were varied and rather widespread. Examples of types of machinery which may have contained hydraulic fluids with PCBs include hydraulically operated conveying systems, metal working machinery, air compressors, centrifuges. Heat exchangers using PCB fluids were used as general sources of heat for miscellaneous plant operations, for industrial and commercial space heating and for sterilization and pasturization. An example of a use of PCBs as a plasticizer is the use in chlorinated rubbers for industrial gasketing material.

Any further attempt to itemize the past uses of PCBs is difficult because no accurate listing was ever available. It seems to me, however, that for your purposes it would be helpful to know that Monsanto terminated the sale of PCBs to plasticizer applications on August 30, 1970 and reformulated its line of hydraulic fluids to remove PCBs in early 1971.

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I hope this information is useful to you. If I can be of further service, please let me know.

Sincerely,

W. B. Papageorge
Manager
Product Acceptability

WBP/bt

Enclosure

cc: Mr. A. W. Hempelmann
Seattle

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