EXHIBIT 4

WAB (Prepared by Mellon) 12/6/71 JS

CHRONOLOGY OF COMMUNICATIONS
TO PCB CUSTOMERS

I. Plasticizers (includes ink, paint, caulking compound, PVC, chlorinated rubber and adhesive uses)

A. To Customers

February, 1970 (February 27?)

Alert to problem
Aroclor 5060, 5442 and 5460 not PCB's
PCB's with <54% Cl not found in environment
Take all possible care in handling

May, 1970 (June 1?)

Use of PCB's in synthetic resins may be a source of environmental contamination.
Monsanto will discontinue sale of PCB's for modifier and plasticizer applications effective August 30, 1970.
Products are Aroclors 1232, 1242, 1248, 1254, 1260, 1262, 1268, 4465, 1100 series, Montar 1 and toluene or xylene blends of these.

August 14, 1970

Mentions February and June letters.
Mentions FDA's allowable limits on PCB's in foods.
Recommends PCB's not be used where contamination of foods or water could occur, specifically mentioning H_2O treatment facilities, coatings for food processing equipment, feed hoppers and silos.
Mentions milk contamination.
Only products to be sold after August 31, 1970 are Aroclors 1221, 5442 and 5460, and blends of 1221 and 5460.
Enclosed a bulletin containing section on environmental hazards.
Discusses returned goods policy.

PCB-ARCH0751489

September 30, 1971

Mentions discontinuation of sales as plasticizers and resin modifiers on August 31, 1970.
Aroclor line now made up of polychloroterphenyls and monochlorobiphenyl and blends thereof.
These not shown to cause environmental problems but not approved by FDA.
Should not be used in connection with food or food-related materials.
Strong recommendation not to use in non-FDA regulated food systems, potable water systems, animal feeding systems or pharmaceuticals.

B. To Distributors

February 19, 1970

Monanto alerting its own customers on PCB publicity.
Copy of letter attached.
As reseller, you should alert your customers, keeping records on who and when notified.
Suggested notification letter attached.

April 29, 1970

Use of PCB's in pesticide formulations suspect.
Monsanto wrote USDA about registration of PCB's for this use (See I.C.)
Effective immediately, Monsanto discontinues sale of PCB's as insecticide/pesticide carriers.
Products affected are Aroclors 1221, 1232, 1242, 1248, 1254, 1260, 1262, 1268, toluol/xylol solutions of 1254, 1260 and 1262, plus Aroclor 4465.
As distributor, Monsanto asks cooperation in assuring no sales of above PCB's for pesticide/insecticide use.
Ban does not cover chlorinated terphenyls.

PCB-ARCH0751490

May 25, 1970

Use of PCB's in plasticizer and resin modifier applications is suspect.
We have sold Aroclors 1232, 1242, 1248, 1254, 1260, 1262, 1268, 4465, 1100 series and Montar 1, plus toluene or xylene blends of these (for such use).
We will discontinue sale of these for plasticizer and modifier use effective August 30, 1970.
We will notify our direct customers of this by June 1, 1970.
As a distributor, you should do same and keep records.
Alternative courses of action will be suggeted.

August 14, 1970

Monsanto is sending its direct customers of PCB's for plasticizer/modifier use letter with latest information on PCB's and new bulletin.
Strongly urge this info be sent to your customers.
Extension on deadlines for returning PCB's to Monsanto.

C. To USDA

April 13, 1970

Mentions possibility that some pesticide formulators might be using PCB's. In view of our concern about environmental contamination, we think such use should be disallowed.
As USDA considers re-registration of pesticides, critical attention should be given to the presence of PCB's.

PCB-ARCH0751491

II. Functional Fluids

A. General

February 9, 1970

Monsanto alerting as to potential problem of environmental contamination.

PCB products are Aroclor 1254, 1260, Pydraul 625, AC, AC winter grade, 540, Therminol FR-3 and certain dielectric formulations.

Some Pydraul and Therminol products are not formulated with Aroclor 1254 or 1260.

PCB's with <54% Cl have not been found in the environment and appear to present no problem.

Take all possible care in handling to prevent contamination.

B. Electrical

February 18, 1970

Alert to potential problem of environmental contamination.

Same information as in II-A above.

Use in transformers and other electrical equipment involves sealed systems, but leaks can occur.

Monsanto has not notified users of your equipment, but you should do so.

May 11, 1970

Mentions February 18 letter.

Disposal of spent PCB's has presented problems.

PCB-ARCH0751492

Program for disposal suggested.

Urges buyer and his customers to use program.

August 6, 1970

Letter to capacitor manufacturer describing experiemental product to replace Aroclor 1242.

Statement that Monsanto may go to this product to help alleviate the PCB problem.

February 18, 1971

Letter to capacitor manufacturers.

Mentions August 6, 1970 letter.

New product, MCS 1016, is replacement for Aroclor 1242.

It contains no higher chlorinated PCB's.

Purpose to help alleviate the PCB pollution problem.

C. Non-Electrical

June 11, 1970

Mentions February 27, 1970 letter (?)

Monsanto will discontinue sale of PCB-containing products for industrial(?) applications effective August 30, 1970.

Products involved are Aroclor 1242, 1248, 1254 and 1260.

August 27, 1970

Mentions February, 1970, letter.

Mentions new product, Pydraul F-9-A, to replace F-9. New product does not contain PCB's.

PCB-ARCH0751493

During next 90 days, as inventories are depleted, F-9-A will be shipped to fill orders.

October 26, 1970

Monsanto supplies vacuum pump fluids, Santovac I and II, which contain PCB's.

FDA has announced guidelines for PCB's in foods.

Control of wastes and spills is imperative.

Used materials should be reclaimed for continuous recycle or returned to Monsanto for disposal.

Aroclors 1242, 1248 and 1254 are no longer offered for sale for diffusion ejector pumps.

February 1, 1971

Announces a new series of Pydrauls without PCB's to replace older PCB-based materials.

New products will be shipped as inventories are depleted over next 60 days.

April 15, 1971

Mentions several earlier letters.

Announces that none of Monsanto's Pydraul fluids now contain PCB's.

States new Pydrauls will give equal or better performance without PCB's.

1. Heat transfer only

June 8, 1970

Mentions PCB problems.

States that Therminols contain PCB's.

States that use in food processing appears to present potential source of contamination of foods.

Customer should use different fluids.

After July 31, 1970, Monsanto will not sell Therminol fluids in applications where the potential for food contamination exists.

August, 1971 (to chemical equipment manufacturers)

States that some items may contain Therminols.

Thereminols contain PCB's.

Some PCB's are persistent and must be kept out of the food chain.

Monsanto's policy is to restrict sales of Therminols to existing heat transfer systems that do not involve food or food-related products.

Please stop using Therminols in new equipment and don't recommend in literature.

Therminols are no longer available to your firm.

October 26, 1971

Concerns conversion of customer's heat-transfer unit from Therminol FR to Therminol 55 (no PCB's).

Therminol 55 not classified as fire resistant heat transfer fluid. Customer should contact his insurer.

Discusses return of drained FR fluid.

PCB-ARCH0751495