January 29, 1975

Mr. Patrick Lavin
Environmental Protection Agency
Conservation Department
Warrensburg, New York 12885

Dear Mr. Lavin:

Mr. Earl Dunham of the General Electric Company, Fort Edward, New York, has informed us of your request for literature pertaining to Aroclor 1016.

I have enclosed some material which I hope you find helpful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager, Product Acceptability
Specialty & Process Chemicals

WBP:pw

cc: Mr. Earl Dunham

bcc: Lee Johnson - New York
P. L. Slayton - New York
D. Wood
C. Paton

T.
% Composition of PCBs
Aroclor 1016 + Chromatograph
Table - "Typical Properties of Aroclor 1016

EXHIBIT
WBP M-84

MON-MT-008724

TOWOLDMON0003853

June 5, 1975

Mr. Robert A. Emmett
Chief, Legal Branch
Office of Enforcement
EG 338
Environmental Protection Agency
Washington, D. C. 20460

Dear Mr. Emmett:

Attached is the information you requested relating to production and sales of polychlorinated biphenyls and polychlorinated terphenyls and degradation information relating to polychlorinated biphenyls.

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
Specialty & Process Chemicals

WBP:pd

OSW 011758

EXHIBIT
WBP M-84.1

June 5, 1975

Dr. P. E. Desrosiers
U.S. Environmental Protection Agency
Room 3812-F, RD 679
Waterside Mall
401 M Street, S. W.
Washington, D. C. 20460

Dear Dr. Desrosiers:

During the April 24 meeting of Dr. Martha Sager's committee (ESA WQIAC), you had indicated that the EPA was evaluating chemical methods which could be used to destroy polychlorinated biphenyls.

I would appreciate receiving from your office any information relating to this approach for degrading PCBs.

Sincerely,

W. B. Papageorge
Manager, Product Acceptability
Specialty & Process Chemicals

WBP:pd

bcc: W. R. Richard
J. R. Savage
D. Wood

EXHIBIT
WBP M-84.2

MON-MT-008725

TOWOLDMON0003855

August 29, 1975

Mr. Don Lokey
U. S. Environmental Protection Agency
OAQPS (MD12)
Research Triangle Park
North Carolina 27711

Dear Mr. Lokey:

Pursuant to your request to Mr. Jack Garrett in Monsanto's Medical Department, I am enclosing the American National Standard Guidelines for handling and disposal of askarels, which has replaced the NEMA Official Standards Proposal.

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

Sincerely,

W. B. Papageorge
Manager, Product Acceptability
Specialty & Process Chemicals

WBP:pd
cc: J. T. Garrett

DSW 011805

EXHIBIT
WBP M-84.3

184

TOWOLDMON0003856

Re - Aroclor 1016

September 4, 1975

Dr. J. F. Thompson, Chief
Quality Assurance Section (MD-69)
Analytical Chemistry Branch
United States Environmental Protection Agency
Research Triangle Park, North Carolina 27711

Dear Dr. Thompson:

In response to your letter of August 27, I have the following information to offer:

Empirical Formula: $C_{12}H_7Cl_3$

Average M.W.: 257.5

Structure (See File Copy)

Use: Electrical insulator

Manufacturers Assay: Approximately 41.5% chlorine

Our Medical Department is obtaining the toxicity information. When I receive this, I will forward it to you.

I hope you find the above information responsive to your request.

Sincerely,

W. B. Papageorge
Manager, Product Acceptability
Specialty & Process Chemicals

WBP:pd

DSW 011834

EXHIBIT
WBP M-84.4

187

TOWOLDMON0003857

October 2, 1975

Mr. R. K. Ballentine
Environmental Protection Agency
Waterside Mall
401 "M" Street, S. W.
Washington, D. C. 20460

Dear Mr. Ballentine:

Enclosed is a copy of Dr. Metcalf's study relating to PCBs which I offered to send you. I have also included copies of reports by Monsanto people in which we describe the differences in biodegradation of the various PCBs.

I hope you find these reports interesting and informative. If I can be of further help please let me know.

Sincerely,

W. B. Papageorge
Manager, Product Acceptability
Specialty & Process Chemicals

WBP:pd

{ Baxter
{ Tucker — degrad. papers
{ Metcalf

Kaley - Tissues paper

EXHIBIT
WBP M-84.5

MON-MT-008726

TOWOLDMON0003858

October 7, 1975

Mr. Larry Watessky
U.S. Environmental Protection Agency
Region 8
Box 25366
Denver Federal Center
Denver, Colorado 80225

Dear Mr. Watessky:

Enclosed is the Sample Request Form which I offered to mail you. If you will complete this and return to me, I will have the appropriate samples forwarded to you. The available materials are Aroclors 1221, 1242, 1254 and 1016.

If we can be of further service please let us know.

Sincerely,

Peggy Dean, Sec'y to
W. B. Papageorge
Manager, Product Acceptability
Specialty & Process Chemicals

DSW 011893

EXHIBIT
WBP M-84.6

262

TOWOLDMON0003859

October 8, 1975

Dr. B. Dudenbostel
U.S. Environmental Protection Agency
Region 2
Edison, New Jersey 08817

Dear Dr. Dudenbostel:

Enclosed is Monsanto's PCB Manufacture and Sales Table which we discussed over the telephone.

I hope you find the information helpful. If we can be of fusther service please let us know.

Sincerely,

Peggy Dean
Secretary to W.B. Papageorge
Manager, Product Acceptability
Specialty & Process Chemicals

EXHIBIT
WBP M-84.7

MON-MT-008727

Monsanto

SPECIALTY & PROCESS CHEMICALS DIVISION

MONSANTO INDUSTRIAL CHEMICALS CO
800 N Lindbergh Boulevard
St Louis, Missouri 63166
Phone (314) 694-1000

October 16, 1975

Dr. John L. Buckley
Environmental Protection Agency
WSMW 639B RD 675
401 M Street, S. W.
Washington, D. C. 20460

OCT 15 REC'D

Dear Dr. Buckley:

As discussed with Tom Kopp, Monsanto would like to participate in the November National Conference on PCBs to be held in Chicago.

We believe we can contribute and would like to present comments in the following areas of interest:

1) Health and toxicology

2) Uses, sources, identification and biodegradation

3) Alternative materials -- economics, tradeoffs

4) Approaches to control.

I hope you can arrange to include our presentations in your agenda. If there are aubject areas which you believe would be of greater significance, please let me know.

Regards,

W. B. Papageorge
Manager, Product Acceptability
Specialty & Process Chemicals

WBP:pd

cc: Mr. Franklin A. Ayer
Research Triangle Institute

Mr. Thomas E. Kopp, EPA

Mr. K. W. Easley, Monsanto

DSW 011899

a unit of Monsanto Company

EXHIBIT
WBP M-84.8

TOWOLDMON0003861

October 17, 1975

Mr. Larry Wapensky
U. S. Environmental Protection Agency
Region 8
Box 25366 DFC
Denver Colorado 80225

Dear Mr. Wapensky:

Your completed Sample Request Form has been received and you will receive the sample under separate cover.

I am enclosing some information on Aroclor 1016 which I hope you find helpful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager, Product Acceptability
Specialty & Process Chemicals

WBPpd
EE
GG
KK

MON-MT-008728

EXHIBIT
WBP M-84.9

November 5, 1975

Dr. J. F. Thompson, Chief
Quality Assurance Section (MD-69)
Analytical Chemistry Branch
United States Environmental Protection Agency
Research Triangle Park, North Carolina 27711

Dear Dr. Thompson:

Attached is the toxicity information for Aroclor 1016 which I offered to send to you in my letter dated September 4.

I hope this completes the information which you requested on August 27.

Sincerely,

W. B. Papageorge
Manager, Product Acceptability
Process Chemicals Division

WBP:pd

EXHIBIT
WBP M-84.10

DSW 011927

340

TOWOLDMON0003863

November 6, 1975

Dr. J. E. Johnson
1819 West Pershing
Central Regional Laboratory
U. S. Environmental Protection Agency
Chicago, Illinois 60609

Dear Dr. Johnson:

Enclosed is the material I offered to mail you. I hope you find it helpful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager, Product Acceptability
Process Chemicals Division

WBP:pd

FF
EE
GG
KK

EXHIBIT
WBP M-84.11

MON-MT-008729

TOWOLDMON0003864