toxicology
occupational medicine
allergy
clinical pharmacology
communicable diseases
research design

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JAN 27 1971

20 January 1971

Monsanto Chemical Company
800 North Lindberg Blvd.
St. Louis, Missouri 63166

Attention: Dr. R. Emmet Kelly, Medical Director

Gentlemen:

Reference is made to your statement on PCB's published in Dr. Risebrough's article "More Letters in the Wind" in Environment, January-February, 1970. I have collected much of the literature on PCB's but I do not have any of your bulletins or publications. These would be appreciated.

While I was a consultant to the Finch Commission on Pesticides in 1969, I tried to incorporate more material on PCB's in the report of that Commission, but only limited and incomplete review of the literature was included.

It is likely that I will be investigating PCB's and other polychlorinated hydrocarbons for some years to come. Your cooperation in providing all facts that are not trade secrets would be greatly appreciated.

Personnel in your company that are familiar with my background of toxicological investigations of pesticides during my 26 years with the U.S.Public Health Service will attest to the fact that we in the Public Health Service (before I retired) have done everything humanly possible to protect the financial interests and reputation of Monsanto as well as all other manufacturers and formulators, short of compromising our scientific integrity. In my practice of medico-legal toxicology (since '63), I have consulted more often in the defense of industry than on the side of claimants. On the other hand, when companies burned down warehouses and polluted streams (drinking water supplies) with spontaneously combustible formulations, there was virtually no defensibility for such hazard-producing actions, and I served for the claimants.

Enclosed is a copy of my curriculum vitae and list of publications. With this background, I have questions to put to your company if you will reply:

(1) Who was responsible for the statement in Risebrough's article and what is his professional background? Surely he has not read the medical literature on PCB's going back to the early 1940's.
(2) USDA has evidence that PCB's were broadcast as extenders of pesticides. Was Monsanto not aware?
(3) Common uses of PCB's such as in carbon paper, inks, varnishes, paints, rubbers, wiring insulators, adhesives, fiberglass, etc. (cited from your Tech Bull O/PL-306) would "normally lead to its (PCB's) release into the environment" as would lubricants, cutting oils, and carburator fluids. Why did your statement maintain otherwise?

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(4) Have you had any occupational illnesses from PCB's and are they published or available to publish? There are many epidemics reported in the 1930's and '40's that make your statement "cases of toxic effect have been rare" -- totally unrealistic. While the PCB's as manufactured may not be highly toxic, when overheated these products must have much greater toxicity to account for the liver, kidney and dermal damage reported.

In the interest of your own self-protection, I would urge your company to take a realistic attitude toward the PCB's based on facts. Any further efforts to conceal the truths about PCB's as alleged by some reporters will most likely lead to much greater opposition from the public as well as increased liability.

Very truly yours,

Griffith E. Quinby M.D.

Griffith E. Quinby, M.D.
Consulting Toxicologist
and
President, American Academy
of Clinical Toxicologists

Inc.

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CURRICULUM VITAE OF GRIFFITH E. QUINEY, M.D., M.P.H.

Born Oct. 24, 1914, Louisville, Ky. Married 1939: 4 children

ACADEMIC TRAINING

B.S. (Botany) University of Louisville, Ky.	1935
Field Malariologist, USPHS. USDA. Rockefeller Foundation	1937
M.D. University of Louisville, Ky.	1942
Internship, U.S.Pub.Health Ser. (Marine) Hosp., New Orleans, La.	1943
Masters Public Health, Johns Hopkins Univ.	1946
Medical Licensures: Kentucky, 1942; Washington, 1963	
Board Cert. Preventive Medicine & Public Health	1949

POSITIONS AND PRACTICE

Botanist and Clinical Asst. in Allergy, Louisville, Ky.	1932-34
Director, Weed & Mosquito Control, Louisville City Health Dept.	1934
Med. Entomologist, Ky. State Health Dept.	1934 & 38
Public Health Educator (Summer only), Louisville City Health Dept.	1938
Scientific Asst. (Malariology) NIH, PHS, Memphis, Tenn.	1939-40
Asst.Engr., Malaria Control Defense Areas, PHS (Ky.State Health Dept.)	1941-42
1st Lt. to Lt.Col. (Asst.Surgeon to Sr. Surgeon, PHS)	1943-63
Regional Entomologist, Malaria Control War Areas, PHS, Chicago, Ill.	1943
Field Malariologist, Tenn.Valley Authority (from PHS), Wilson Dam, Ala.	1944-45
Chief, Neurotropic-Virus-Disease-Insect-Control, PHS, CDC, Montgomery, Ala.	1946-47
Act.Chief Epidemiology Div. PHS CDC, Atlanta, Ga.	1947-48
Chief, Malaria and Typhus Appraisal Unit, PHS, CDC, Atlanta, Ga.	1949-50
Director, Animal Lab., Toxicology Sect., CDC, Savannah, Ga.	1951-54
Liaison Officer, PHS-Army, Biol. & Chem. Warfare, Dugway, Utah	1958-59
Medical Toxicologist (Pesticides), Wenatchee, Washington (PHS, CDC)	1954-63
Consulting Practice in Preventive Medicine and Toxicology (10% time)	1965-66
Director, Community Pesticide Study Project, Wash.SHD (90% time)	1965-66
Consulting Practice in Preventive Medicine and Toxicology (full time)	1967-70

SOCIETIES

Chelan County Medical Soc., Wash.State Medical Assoc., and AMA
American Public Health Assoc. (Fellow in Epidemiology)
American College Clinical Pharmacology & Chemotherapy (Founder Member)
Northwest Assoc. of Occupational Med. and Industrial Med. Assoc.
American Academy Clinical Toxicology (President 1969-70)

CONSULTANCIES: (1964-1970)

Consult. Ed. JAMA; Am. Chem. Soc.
U.S.Depts. Justice; Health, Educ. & Welfare
United States Public Health Service
Toxicology Consultant, PHS NCDC
Pan American Health Organization (WHO)
Brit. Columbia Pub. Health Ser.
Chelan Co. Health Dept.
Chicago Bd. of Health
Ky. State Health Dept.
U. of Wash. Med. School
U. of Wash. Eng. School
Wash. State U., Agri. Chem. Comm.
U. of Nebraska Med. School

Oregon State U.
Wash.State Sportsmen's Assn.
Wash.State Ground Sprayers Assn.
Wash.State Horticulture Assn.
Dept.HEW, Sec's Com. on Pesticides

Ayerst Laboratories
Chevron Chemical Co.
Velsicol Corporation
Chipman Chemical Co.
Sika Chemical Co.
Union Carbide Co.
Rohm & Haas Co.
Chemagro Corp.
Traveler's Insurance
Aetna Insurance
General Adjustment Bureau
Children's Orthopedic Hosp. Seattle
Toxicologist, Deaconess Hosp. Wenatchee, Wash.
St.Anthony's Hosp., Wenatchee, Wn.
St.Elizabeth Hosp., Yakima, Wash.
Bannister et al, Attys, Mt.Vernon, Wn.
Jarvis et al, Attys. Seattle, Wn.
Milburn D.Kite, Atty, Ephrata, Wash.
Ralph M.Jones, Atty, Walla Walla, Wn.
Cashatt et al, Attys, Spokane, Wn.

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PUBLICATIONS BY GRIFFITH E. QUINBY, M.D., M.P.H.
PREVENTIVE MEDICINE, PUBLIC HEALTH, TOXICOLOGY, EPIDEMIOLOGY, & ENTOMOLOGY

1. ———: Behavioral effects of pesticides; contribution in Report of Commission on Pesticides of the Sec. of Dept. of Health, Educ. and Welfare (In press Dec 1969).
2. ———: Gentian violet as a cause of epidemic occupational nosebleeds, Arch Environ Health 16:485-489 Apr 1968.
3. Editorial: Blue paper trays cause nosebleeds of apple packers, Medical Tribune 20 Sep 1966.
4. Editorial: Apple wrappers need nose packing, Medical World News 16 Jul 1966
5. Editorial (Miller, R.W.): Epidemiologic research in occupational medicine, Arch Environ Hlth 13:411-412 Oct 1966.
6. Editorial: Apple packers with bleeding noses, Lancet 2:740-741 Oct 1966.
7. Anonymous: An unidentified chemical, Chemical Trends in Opthalmology, Oto-laryngology and Allergy 5 Oct 1966.
8. ———;Babione,RW; Hernandez-Moreira,CF: Toxicological observations on the use of (Baygon) 2-isopropoxyphenyl-N-methylcarbamate as a malaria control insecticide in El Salvador, Industr Med Surg 1967.
9. ———: Feasibility of prophylaxis by Pralidoxime Chloride, Arch Environ Hlth 16:612-620 Jun 1968.
10. ———: Epidemic nosebleeds in apple packers, JAMA 197:165-168 Jul 1966.
11. ———; Armstrong, JF; Durham, WF: DDT in human milk, Nature 207:726-728 Aug 1965.
12. DURHAM, WF; Armstrong, JF; ———: DDA excretion levels: studies in persons with different degrees of exposure to DDT, Arch Environ Hlth 11:76-79 Jul 1965.
13. DURHAM, WF; Armstrong, JF; ———: DDT and DDE content of complete prepared meals, Arch Environ Hlth 11:641-647 Nov 1965.
14. DURHAM, WF; Wolfe, HR; ———: Organophosphorus insecticides and mental alertness, Arch Environ Hlth 10:55-66 Jan 1965.
15. ———; Doornink, GH: Tetraethyl pyrophosphate poisoning following airplane dusting, JAMA 191:1-6 Jan 1965.
16. ———; Hayes, WJ Jr; Armstrong, JF; Durham, WF: DDT storage in the U.S. population, JAMA 191:175-179 Jan 1965.
17. DALE, WE; ———: Chlorinated insecticides in body fat of people of the United States, Science 142:593-595 Nov 1963.
18. ———: Further therapeutic experience with pralidoximes in organic phosphorus poisoning, JAMA 187:202-206 Jan 1964.
19. ———; Loomis, TA; Brown, HW: Oral occupational parathion poisoning treated with 2-PAM iodide, N Engl J Med Mar 1963.
20. ARTERBERRY, JD; Bonifaci, RW; Nash, EW; ———: Potentiation of phosphorus insecticides by phenothiazine derivatives. Possible hazard, with report of a fatal case, JAMA 182:848-850 Nov 1962.
21. ———; Clappison, GB: Parathion poisoning. A near fatal pediatric case treated with 2-pyridine aldoxime methiodide (2-PAM), Arch Environ Hlth 3: 538-542 Nov 1961.
22. SCHOOF, H; ———; Brooke, M; Kaiser, F: Malaria eradication in central america: reasons for failure. Report of Pan Amer San Bur, 1960.

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23. ———; Walker, KC; Durham, WF: Public health hazards involved in the use of organic phosphorus insecticides in cotton culture in the delta area of Mississippi, J Econ Entomol 51:831-837 Dec 1958.
24. HAYES, WJ Jr; ———; Walker, KC; Elliott, JW; Upholt, WM: Storage of DDT and DDE in People with different degrees of exposure to DDT, Arch Industr Hlth 18:398-406 Nov 1958.
25. ———; Lemmon, AB: Parathion residues as a cause of poisoning in crop workers, JAMA 166:740-746 Feb 1958.
26. HESS, AD; ———: A survey of the public health importance of pest mosquitoes in the Milk River Valley, Montana, Mosquito News 16:266-268 Dec 1956.
27. UPHOLT, WM; ———; Batchelor, GS; Thompson, JP: Visual effects accompanying TEPP-induced miosis, Arch Ophthal 56:128-134 Jul 1956.
28. UPHOLT, W.M.; ———; Batchelor, GS: Eating systox-treated fruit under controlled conditions, proc 15th Annual Meeting, Wash. State Hort. Assoc 217-220, 1954.
29. ———; Schubert, JH: Epidemiological and serologic appraisal of murine typhus in the United States, 1946-1951, JAPHA 43:160-164 Feb 1953.
30. WELCH, SF; ———: Epidemiological appraisal of malaria in the U.S. during 1951. A J Trop Med & Hyg 1:736-742 Sep 1952.
31. ———; Welch, SF: Progress report of epidemiological appraisal of reported malaria in the United States during 1949 and 1950, Amer J Trop Med & Hyg 1:495-499 May 1952.
32. ———: The initiation of appraisal of typhus morbidity in the South, Pub Health Rep 66, 1122 abs 1951.
33. ———: Epidemiological appraisal of reported malaria in the U.S. from 1947 through 1949, J Nat Mal Soc 9:397-400, 1958.
34. ANDREWS, JM; ———: Current status of malaria eradication in the South, Proc So Br APHA 6-11, 1950.
35. ANDREWS, JM; ———; Langmuir, AD: Malaria eradication in the United States, Amer J Pub Health 40:1405-1411, 1950.
36-48 Older papers on insect vectors, reptiles, and botany.

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