

JAN 30 1975



THE DOW CHEMICAL COMPANY

BENNETT BUILDING
2030 DOW CENTER
MIDLAND, MICHIGAN 48640

January 27, 1975

Mr. Milton Freifeld.
Manufacturing Chemists' Assoc.
1825 Connecticut Ave, N.W.
Washington, D.C. 20009

Dear Mr. Freifeld:

The attached table was compiled from information received over the telephone January 20, 1975. Dr. Keplinger of Industrial Bio Test wanted to know if the committee wished to sacrifice the surviving control mice and the 13 female rats exposed to 200 ppm. After talking to as many of you as I could get ahold of, I found that the majority preferred to keep the rats as long as possible and to maintain the mice at least for 18 months.

I informed Keplinger of this decision and he will keep these animals until notified otherwise. Therefore, about March 1 I will be contacting you again on the disposition of the surviving control mice. Since Maltoni has kept his animals for their entire life and since you may be considering more studies at a later date, there appears to be reason to keep these animals for longer than the original protocol called for.

Note that it was necessary to sacrifice several moribund hamsters, mice and rats on January 20. All exposed mice are now gone as well as all the top dose of rats and virtually all the top dose hamsters.

There is no apparent explanation for the reversal in mortality of the groups of female hamsters. It's just one of those things.

Sincerely yours,

A handwritten signature in cursive script, reading "Ted Torkelson".

Theodore R. Torkelson
Corporate Medical Department

kjf

encl.

cc: Distribution List Attached.



SCC
1-0790

cc: Vinyl Chloride Research Coordinators:

Dr. Zeb G. Bell, Jr.
PPG Industries, Inc.
One Gateway Center
Pittsburgh, PA 15222

Dr. Walter D. Harris
UNIROYAL, Inc.
Oxford Management & Research Center
Middlebury, Conn. 06749

M. N. Johnson, M.D.
The B.F. Goodrich Company
Medical Center
500 South Main St.
Akron, Ohio 44318

Mr. H. L. Kusnetz
Shell Oil Company
P.O. Box 2463
Houston, TX 77001

Dr. W. Mayo Smith
Air Products & Chemicals
P.O. Box 538
Allentown, PA 18104

Dr. William Rinehart
Ethyl Corporation
Medical Department
451 Florida Avenue
Baton Rouge, LA 70801

Mr. R. N. Wheeler
Union Carbide Corp.
Chemicals & Plastics Div.
P.O. Box 8004
S. Charleston, W. VA 25303

M. L. Keplinger
Industrial BioTest Laboratories, Inc.
1810 Frontage Road
Northbrook, ILL 60062

J. Goode
Industrial BioTest Laboratories, Inc.
1810 Frontage Road
Northbrook, ILL 60062

SURVIVING ANIMALS AT DYC AS OF JAN. 20, 1975

Inhaled Concentration Of Vinyl Chloride	Hamsters		Mice		Rats	
	Male	Female	Male	Female	Male	Female with Food
2500 ppm	16	0(3)	0	0	0(4)	0
200 ppm	26	41	0	0	54	13*
50 ppm	42	17	0(7)	0(2)	69	55
Control	50	22	18*	54*	75	77

() Indicates moribund or sick animals sacrificed this date.

* To be kept indefinitely.

** To be kept at least until March 10.