H. R. Ford - 1070
C. L. Clay - 1070
C. Paton/D. E. Roush - B2S H

November 10, 1971

Mr. Marvin Liesner
Velsicol Chemical Company
1199 Warford Street
Memphis, Tennessee 38101

Dear Mr. Liesner:

As discussed by telephone we have released the drums of Therminol FR-1 as makeup for your existing systems.

Because we are concerned about the possible leakage of the fluid into your insecticide and that in turn getting into the environment, we would like to have you convert your systems to a non PCB (polychlorinated biphenyl) material in the near future.

This recommendation is based on the fact that FR-1 has shown itself to be a very definite environmental contaminant. Its persistent nature causes it to build up in various animal life and has been shown to cause both reproducing problems and body damage.

We would like to recommend that the systems be converted to Therminol 66. Therminol 66 can be used in your system by merely draining the FR and refilling. Two items to consider in this conversion are:

1. Possible use of either a cold seal or inert gas blanket on the expansion tank to prevent fluid oxidation.

2. Review of system from fire safety standpoint because Therminol 66 is not a fire resistant fluid.

Literature on Therminol 66 is attached for your review. Should you have

additional questions about this conversion please feel free to contact Mr. Carl Clay in Atlanta at (404) 477-4268 ext. 262 or me in St. Louis.

Very truly yours,

James J. Roder
Product Supervisor
Heat Transfer Fluids

lb

Attachment

cc: Mr. Larry Webb
Velsicol Chemical Company