bcc C. Paton/J. J. Roder
1180 R. V. Weyland
1010 R. A. Garcia

November 15, 1971

Mr. V. G. Eschen
General Electric Co.
MFRP
Route #1
Morris, Illinois 60450

Dear Mr. Eschen:

Per our telephone conversation of November 5, I have attached our Therminol Design Guide. I understand that you are initiating a heating system operation on Therminol FR-1 fluid which was ordered and purchased over three years ago.

I would like to call your attention to the fact that the Therminol FR series fluids contain polychlorinated biphenyls (PCBs) of various types. The PCB concentration in our environment is being investigated by various governmental agencies and scientific laboratories. In some studies, certain PCBs have been found to be a persistent environmental contaminant and, possibly, injurious to certain forms of bird, aquatic and animal life. Accordingly, it is very important that PCBs be kept out of the food chain.

We would like to remind you that extreme care must be taken by all users of PCB containing products to prevent any entry into the environment through spills, leakage, use, disposal, vaporization or otherwise. Some specific applications where the use of Therminol FR series should definitely be avoided are in heat transfer systems involving food or food related products, animal feeds, pharmaceutical products, packaging materials involving any of these items, and buildings where any of these items are manufactured or stored.

We do provide a disposal service for the Therminol FR fluids. We urge that you contain and collect any leakage and return it to our Sauget, Illinois plant for proper disposal. Collected material should be sent freight prepaid to the address shown on the attached disposal bulletin and a nominal fee of 3¢/lb. will be charged for incineration.

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Should you have any further questions regarding the Therminol FR fluids, please contact our Therminol representative in Chicago, Mr. R. V. Weyland, or me in St. Louis. Mr. Weyland's Chicago address appears below:

Monsanto Company
3158 Des Plaines Avenue
Des Plaines, Ill. 60018
(312) 296-6688

Very truly yours,

D. E. Roush
Product Specialist
Heat Transfer Fluids

cs

Enclosures

Note to bcc:

This application is a nuclear fuel processing plant where Therminol is used to heat a wiped film evaporator. The heating equipment was supplied by H.E.A.T. in San Gabriel, Calif. As indicated in the text of the letter, fluid was ordered and purchased almost three years ago for this application. It is just now going on stream and Eschen is not particularly interested in a change of fluid at this time since the initial fill is on site. I don't feel this application requires a change from PCB fluid.