bcc C. Paton/J. J. Roder
1650 P. L. Slayton
1650 J. S. Pullman

November 8, 1971

Mr. Joe Deutsch
GAF Corporation
4 Products Div.
1139 Lehigh Avenue
Whitehall, Pa. 18052

Dear Mr. Deutsch:

To reiterate a portion of our telephone conversation of November 2, 1971, we will not supply Therminol FR fluids to new heating system installations. This decision was reached in mid July, 1971, unfortunately, after your American Hydrotherm electric heating system had been ordered and fabricated.

The reason for our action stems from the fact that Therminol FR series fluids contain polychlorinated biphenyls (PCBs) of various types. The PCB concentration in our environment has come under severe scrutiny of various governmental agencies and scientific laboratories. In some studies certain PCBs have been found to be a persistent environmental contaminant, 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.

You have data on alternate Therminol fluids for your application. Therminol 55 or Therminol 66 will satisfy your 500°F fluid temperature requirement. Fortunately, the electrical heating equipment is enclosed within a masonry structure within the building. The insuring agencies would, perhaps, require this type of installation in that Therminol 55 and 66 fluids are not fire resistant. We would recommend that your insuring agency review the installation relative to the use of a flammable heating oil to determine the need for additional protective devices to minimize fire risk.

As we agreed in our phone conversation, I will hold your purchase order for 150 gallons of fluid until I hear from you or Mr. O'Leary regarding the choice of an alternate Therminol fluid.

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I regret that we are unable to supply the Therminol FR fluid for your system. However, I feel the Therminol 55 or Therminol 66 fluids will be more than adequate for your installation. If we can provide any further information on these fluids, please contact Jay Pullman, our Therminol representative in New York City, or me in St. Louis. Jay Pullman's New York address is:

Monsanto Company
277 Park Avenue
New York, N.Y. 10017
(212) 922-4111

Very truly yours,

D. E. Roush
Product Specialist
Heat Transfer Fluids

es

cc B. J. O'Leary