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

September 14, 1971

Mr. Pete Romano
Grumman Aircraft Eng. Co.
Plant 30, Dept. 296
Bethpage, Long Island, N.Y.

Dear Pete:

Reiterating my comments on the Therminol FR fluids and related PCB problem, we do find that PCB chemistry has come under intensive study by various ecology groups and federal agencies. I have attached a letter dated February 9, 1970 that was mailed out to our customers describing the PCB issue. You will note that Therminol FR-1 and FR-2 are included as PCB containing products.

Considerable work has been done on the PCB chemistries and their effect in our environment. We are reminding all of our customers that extreme care must be taken by users of PCB containing products to prevent any entry into the environment through spills, leakage, use, disposal, or vaporization. We definitely want to avoid any applications where the Therminol FR series heat transfer fluids might enter food or food-related products, animal feed, pharmaceutical products, or packaging materials.

In the autoclave applications at Grumman, we would encourage you to take particular care to control all leakage from the Therminol FR system and to properly dispose of any residual material accumulated from the side stream distillation unit. In this regard, I am sending you our disposal bulletin. As the bulletin indicates, we can properly dispose of the PCB containing bottoms from the distillation unit by incineration. This service is available at a nominal cost of 3¢/lb. on product returned for disposal. I have also included several of our disposal labels for attachment to drummed material sent to us for incineration.

Conversion to a non-FR (non-PCB containing) heat transfer fluid would not be difficult in your particular application. We would recommend the use of Therminol 66 heat transfer fluid for this conversion. I have attached literature on this product for your consideration.

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Jay Pullman and either Jim Roder or myself will plan to visit with you in the near future to discuss conversion of your three heat transfer systems to a non-PR Therminol fluid. We will contact you on a specific time for this meeting so that you can assemble those people who would be involved. In the interim if you have any questions please feel free to contact either Jay Pullman in New York City or me in St. Louis.

Regards,

D. E. Roush
Product Specialist
Heat Transfer Fluids

cs

Enclosures

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