bcc: T. L. Gossage/D. E. Roush
R. A. Garcia - 1010
J. A. Heilala - Pittsburgh

August 17, 1971

Mr. Ted Scanga
Alcoa
New Kensington, Pa. 15230

Dear Mr. Scanga:

This will confirm your telephone conversation with our Mr. John Heilala regarding conversion of your heat transfer system from Therminol FR to Therminol 55.

We are pleased that you are agreeable to making this change as quickly as possible. As indicated in previous correspondence dated June 8, 1970 Therminol FR is a polychlorinated biphenyl (PCB) and articles have been published indicating that PCBs have been discovered at some points in the marine, aquatic and wildlife environments. This chemical is a long-lasting, stable material and its ultimate effect in the environment is not known.

During the past year the FDA has posted guide lines of 5 ppm in food products and 0.2 ppm in dairy products.

Because alternate non-PCB heat transfer fluids are available we have taken measures to convert all Therminol FR users where even the remotest possibility of food contamination exists to materials such as Therminol 55 or Therminol 66. In your case we recommend Therminol 55.

You should drain the Therminol FR from your system as thoroughly as possible -- which means removing essentially all of the FR fluid. You can then add the Therminol 55 and resume system operation. Some new Therminol 55 could be used as a flushing agent to remove any residual FR left in the system. This flushing material should also be drained and returned for disposal.

We would like to remind you that Therminol 55 is not classified as a fire resistance heat transfer fluid. Consequently, you may wish to consider the use of protective devices to minimize any added fire risks. We suggest that you consult with the insurer of your property relative to this matter.

Also enclosed are labels to be placed on the containers of drained FR fluid for return to the address shown. We will pay the return freight.

Should you have any sealed containers of new Therminol FR they can be returned for full credit but please mark the drums clearly - "for return credit".

Your cooperation is appreciated.

Sincerely,

J. J. Roder
Product Supervisor
Heat Transfer Fluids

cs

Enclosures