

R. A. Garcia - 1010
J. A. Heilala - 1010
C. Paton/D. E. Roush - 1000

October 25, 1971

Mr. F.N. Robson
Thermion Corporation
P.O. Box 2106
Huntington, West Virginia 25704

Dear Mr. Robson:

Enclosed is our literature describing both Therminol 55 and Therminol 60, our candidate replacements for Therminol FK-1. We have, however, supplied the four drums of Therminol FK-1 for makeup to your existing system. But we would like your cooperation in replacing sometime before additional makeup would be needed.

Based on your process needs at the Holland, Michigan plant, I would recommend conversion to Therminol 60 to take advantage of the greater thermal stability. Conversion from Therminol FK-1 should be quite simple. Basically drain the Therminol FK-1 and replace with Therminol 60. If there are any undrainable sections in the system it may be advisable to use a cleaning agent or possibly use additional Therminol 60 to flush the area.

It would also be important to insure that the expansion tank be kept as cool as possible to prevent fluid oxidation. Possibly a light inert gas blanket would be satisfactory to prevent air contact. You should also discuss this conversion with your plant safety or insurance people since neither of the replacement fluids are fire resistant. Two items to consider would be sprinklers for the area; and/or a steam or CO₂ snuffer for the combustion chamber of a gas or oil fired heater.

Please call if you have any questions about this conversion.

Very truly yours,

James J. Koder
Product Supervisor
Heat Transfer Fluids