

September 27, 1963

Mr. Eugene F. Adiutori
619 Waycross Road
Cincinnati 40, Ohio

Dear Mr. Adiutori:

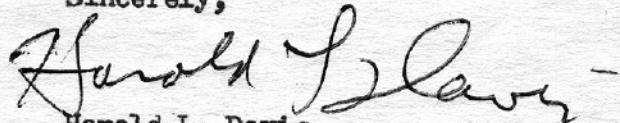
We have had a chance to review your manuscript "Thermal Stability" rather carefully and have the following reactions:

-The major one is that, although we suggested a two part treatment ourselves, upon seeing part one it is clear that it is not suitable for us to run by itself. The problem is that, although your manuscript would be understandable to the specialist in the field such as yourself, it would prove to be over the heads of most of our readers who would find many of the terms and concepts unfamiliar and the content in general much too abstract. I can suggest two possible remedies: One is to add an example of the application of the thermal stability design limit (preferably one on the liquid metal systems you mention) in the introduction of the present manuscript to give the reader a concrete system to keep in his mind and give him some idea of the significance of what you are reporting. One might then also consider moving sketch D up to the front and relating it as well as the symbols of sketches A and B to the example. The second alternative is to combine the two articles into one long one interweaving the applications all the way through with the theory.

In any case it occurs to me that we will have to review your second part before we could finally commit ourselves to publishing the first since the first part promises the reader we will give him the second.

We agree that the section on hydraulic stability should be dropped. We would prefer to see something more explicit in the way of a title such as "Thermal Stability in Two-Phase Heat Transfer." We will refrain from sending the manuscript outside the staff for review until we hear from you concerning the suggestions made in this letter.

Sincerely,



Harold L. Davis
Associate Editor

HLD:et