

MEMORANDUM
Branch

February 26, 1964

Mr. Gus A. Dies
National Lead Company
P. O. Box 7109
St. Louis 17, Missouri

Dear Mr. Dies:

Knowing of your interest in the salting lead substitution situation I thought I should bring you up-to-date in what has been going on since our time-cost study on the "Ty-Seal" joints.

First of all, surprising as it may sound, there has been no engineering data publicly available on how good is a lead-calked joint. Research to develop this information has now been successfully concluded at Purdue University under the sponsorship of I.L.Z.R.O. and the report is being prepared. If not available sooner it will definitely be presented at the Annual Meeting in St. Louis, April 21-22, 1964.

I am sure that widespread dissemination of these data, which we plan, will help offset some of the propaganda of the rubber or neoprene joints now being promoted widely. I should point out that part of this promotion effort is the engineering data being offered in their behalf.

Research also has underway a project to find out how good the rubber or neoprene joints are under service conditions with the conventional lead-calked joint as a control. It is my own personal opinion that this project may turn up some interesting disadvantages of such joints and I hope it is just not wishful thinking.

We are also planning a time-cost study on the "Mo-Hub" type of installation as soon as the necessary details can be worked out.

Sincerely yours,

David M. Borcina
Secretary

DMB:so

cc: F. A. Elchorn

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