From MONSANTO CHEMICAL COMPANY

At Washington, D. C.

cc F. H. Langenfeld, R.B.

Date December 19, 1956

To Elmer Wheeler

At Main Office
St. Louis, Missouri

Subject PYDRAUL 150

According to Commander Siegel, the test results at the Naval Medical Research Institute on Pydraul 150 toxicity are rather discouraging. All of their work has been with saturated atmospheres. They have gotten high toxicity through skin absorption of animals. They are most concerned about liver damage which resulted through skin absorption.

The results have not been summarized in a report, but they expect to complete their work by early January and then make a report to the Bureau of Ships.

Commander Siegel feels their high skin absorption contradicts some of Dr. Treon's data. From Jack's comments I feel that the Bureau of Ships will have to disregard the Bureau of Medicine's report if they go ahead with a submarine trial. The chances of their doing this, I believe, are nil.

If you would like to discuss this toxicity work with Siegel or people at NAMRI, it could be arranged early in January. If not, we should hear from the Bureau of Ships after January fifteenth. Would appreciate any comments you might have.

G. Robert Sido

GRS/mf

EXHIBIT 13

DSW 584735

TOWOLDMON0046062