From MONSANTO CHEMICAL COMPANY

Buchanan-Davis

At St. Louis Roberts Building

Date May 29, 1956

To J. T. Garrett

Reference

At Main Office

Subject PYDRAUL 150

This afternoon Bob Sido called and stated that the Navy is not satisfied with the toxicity of Pydraul 150 for use in submarines. It is particularly concerned since as in the case of the atomic powered submarines, these vessels will remain submerged for periods up to six weeks. Therefore, any possible toxicological effects cannot be tolerated

There will be a meeting on June 6 in Washington to discuss this matter and Sido would like very much to have you or someone else in the Medical Department, sit in to discuss our fluids. Others attending the meeting will be a Mr. Curran, Commander Seigel, BuMed, Mickey Elbert, BuShips, and Captain Alvis, who has recently replaced Dr. Holler. The subject of the meeting will be the demise of Pydraul 150 in the antenna retracting mechanisms of submarines unless we can present a convincing story as to its safety of use. If Pydraul 150 is ruled unsatisfactory, we would then suggest that the Navy consider the use of OS-16. This fluid is merely Santicizer 141 dyed blue, and was developed as an extremely non-toxic fluid for use in underground mining equipment. The physical properties are such that it could be substituted for the Pydraul 150 and I am sure that you have ample evidence of its non-toxicity. We would prefer at this stage of the game to have the Navy continue to use Pydraul 150; however, we have OS-16 as an ace in the hole.

HSL

H. S. Litzsinger

HSL:sj

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