August 15, 1969

Mr. Harold Straightwell
Great Lakes Steel Division
Tecumseh Road
Ecorse, Michigan 48229

Dear Mr. Straightwell:

George Fague has asked me to forward the enclosed statement concerning the toxicity and safe handling of our fire resistant hydraulic fluid, Pydraul 312.

Based on animal toxicity data, manufacturing experience and use experience we believe that if a user has developed satisfactory precautions necessary for phosphate ester fluids, there should be little difficulty in observing the recommended precautions for Pydraul 312.

Mr. Fague indicated that you had received information that Pydraul 312 will kill the marine life in rivers and streams in concentrations as low as 1 ppm. I would be interested in learning of this source of information. Although we have not conducted fish toxicity studies with Pydraul 312, we do have a literature reference which indicates that 5 ppm of the chlorinated hydrocarbon components of Pydraul 312 had no affect on trout and bluegill.

Very truly yours,

Elmer P. Wheeler
Manager, Environmental Health

EPW:ju

c.c. G. F. Fague
W. R. Richard

DSW 018649

STLCOPCB4005193