

CC: D. G. Wika
T. M. Kemp

June 25, 1986

TO: H. V. BRADLEY
FROM: A. C. HUSTON

ELIMINATION OF SUPERNATE PONDS

I strongly recommend that we eliminate the supernate ponds on the river bank. I am concerned about possible contamination of the Washington Bottom aquifer, which is used not only by Du Pont but also by neighboring industrial sites and the Lubeck Public Service District. The aquifer is about 35 feet below the bottom of the ponds. Surfactants in the supernate from our TEFLON® Polymer and Copolymer operations can cause foam in water at concentrations as low as three parts per million. One of the surfactants is not bio-degradable and would persist as far as it was carried by water seepage. Remediation of a contaminated aquifer could cost millions of dollars.

Engineers in the TEFLON® BTO have looked at several ways to eliminate the supernate ponds. It is my understanding that the Project for Supernate Waste Storage - TEFLON® is the most economical way to do so. I recommend that this project be approved.



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