J. G. (Jim) Bryant - St. Louis General Office

February 5, 1970

W. B. Papageorge - WPAPA
H. S. Bergen - HBERG
D. A. Olson
W. A. Kuhn - WKUHN
G. Randall Graham - New York

INCINERATION OF PCBs

Aroclor Toxicity

P. G. Benignus

Confirming a phone call today from Mr. J. J. McLaughlin of Rollins Purle Inc., evaluation of two PCB samples (Inerteen PPO and Aroclor 1242) is complete. Complete combustion of the material was accomplished.

The costs for incineration would be $0.0445/lb. ($0.575/gallons) for Inerteen PPO and $0.0335/lb. ($0.385/gallons) for Aroclor 1242 FOB Sweetsboro, Pa. The costs include complete neutralization of the products of combustion. McLaughlin cited the reason for the high cost was the fact that the Inerteen PPO had an energy of 7000 Btu/lb. and with a 75% chlorine content, 11.1 lbs. of caustic per gallon of fluid were required for neutralization. As for Aroclor 1242, the energy is 11,000 Btu/lb. and with a 57% chlorine content this material requires 7.5 lbs. of caustic per gallon for neutralization.

The incineration at Sweetsboro, Pa. (close to Monsanto's Delaware River Plant) will be operational in March or April. This would be the location for present incineration. Another plant is under construction at Baton Rouge, Louisiana which will be identical to the Pa. plant. San Francisco is being evaluated. Mr. McLaughlin stated he would extremely interested in talking with anyone from St. Louis to evaluate the potential for location of a disposal unit here. Also, Rollins Purle would like a one year contract and it is entirely possible the cost for disposal could be reduced.

One further note, I also talked with Herb Case at Scientific Chemical Treatment Company and they are interested in working with us in reprocessing the waste material. We do plan to pursue this approach since he does have storage capacity, vacuum stills, and incineration. However, it is expected that SCTC will be more expensive and we would give away some of our technology.

Please advise if you have any questions.

Regards.

J. G. (Jim) Bryant

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