Monsanto

FROM E. L. Shimley

DATE August 2, 1974

SUBJECT McGraw Edison visit to St. Louis

TO File

cc Ray Ford
[redacted]
Paul Benignus

On August 1, 1974, Jess Butner, Manager of Engineering of Sangamo Electric in Pickens, S. C. , visited our St. Louis general offices. Representing Monsanto at the meeting were Cuming Paton, Bill Papageorge, Paul Benignus, Ed Stuart, Dr. Scott Tucker, Bob Slifer.

Jess explained the reason for his visit as being one to review with our people their plans to re-engineer their effluent system so as to meet potential PCB limitations introduced into the environment surrounding their Pickens, S. C. plant. They are doing this through a consulting engineering firm and are putting together a preliminary report for their management due in Sept..

They are presently operating a two pond waste disposal system, one for settling out solids, the other is used to aerate prior to overflowing into a small creek which eventually winds up in the Savannah River. (From a "grab sample" they feel right now they are introducing approximately six tenths of a lb. of PCB into this creek per day. They have also undertaken a short study drying to introduce some new micro-organisms into the second pond that supposedly has the capability of "chewing up" PCB type materials. They send their solid waste to a local county land fill.)

Bill Papageorge took the opportunity to explain to Jess the most recent meetings that have taken in Washington regarding General Electric, Westinghouse, and Monsanto and the EPA. Dr. Scott Tucker reviewed for Jess our feeling about the use of the micro-organism to chew up the PCB material, and other areas we are working on regarding soil leeching tests, etc.. Ed Stuart then explained the re-engineering that we did regarding the affluent treatment of our Krumrich Plant to give Jess some ideas that might be incorporated into his proposal.

It was suggested that perhaps we should run some analytical test for the amount of PCB's in their affluent presently to compare with what they are receiving from an analytical lab out of Knoxville, Tenn.. I suggest we cross-check to make sure that this lab has the ability to identify PCB type materials in the correct concentrations.

After reviewing the research center and the various testing apparatus there we proceeded to the Krummrich Plant. Ed Stuart introduced us to the Plant Superintendent and Jess took the opportunity to personally walk each of the sewer systems so that he would have a better idea of how we controlled and monitored our effluent stream. He felt that it was very worthwhile trip and was most impressed with the way we had set up our monitoring apparatus and thought that his problem would be significantly easier to solve than ours had been. They are working on a total water treating program an can separate their processed water from water that might be contaminated with PCB's.

Scott Tucker said that he would send him some data regarding soil leeching just in case any of the county officials might have questions regarding the disposal of the solid wastes in the county land fills.

All in all it was an excellent meeting and Jess came away with a very favorable attitude toward our own apprach to the PCB disposal problem.

Elliott Shimley

ES/ps