UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 50

SUBJECT: PCB Inspection, Monsanto Krummrich Plant, Sauget, Illinois. DATE: March 9, 197

FROM: Chief, Air Surveillance Branch, Surveillance and Analysis Division

TO: Karl Bremer, Member, Lake Michigan Toxic Substances Committee

A preliminary survey was made of the above installation to identify and sample point sources of potential PCB emissions to the atmosphere. The sampling and analysis were carried out at this source to furnish information to arrive at a further decision that may require an intensive testing program to quantify the PCB emissions. The sample analysis revealed the following:

SAMPLING LOCATION	NO. OF SAMPLES	PCB CONCENTRATION ug/l
Steam Ejector - Ground Level, Site #1	2	* 3A - 27.5 3B - 33.9
Steam Ejector - Top Level, Site #2	2	3A - N.A. 3B - N.A.
Calculated Storage Tank Emissions		
Virgin Product		597.4 Kg/year
Product Loading and Waste Storage		0.02 Kg/year

Monsanto has performed a stack test at the Sauget location quantifyin the PCB emissions to the atmosphere. Stack-sampling and other reports describing process and sampling methodology used at this site are attached

* 3A - Right Side of sampling train - 3B - Left Side

EPA Form 1320-6 (Rev. 6-72)

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