Monsanto

FROM (NAME & LOCATION): W. G. K. Plant - E. E. Stewart

DATE: 8/26/76

cc: A. E. Leisy
E. W. Sprendel

SUBJECT: WESTINGHOUSE INQUIRY
PCB'S

REFERENCE:

TO : David Wood

B2SD

Per our conversation, I discussed PCB removal from aqueous streams with polyurethane foam with Dr. Walsh of Westinghouse on 8/20/76. In summary, I told him that we found carbon superior to foam for removal of PCB's for these reasons:

1) Both can remove PCB from 2,000 ppb to < 10 ppb.

2) The loading capacity of foam is estimated to be .05# PCB/lb. of foam versus carbon load of .25# PCB/lb. of carbon.

3) Material costs for foam are approximately 90 times greater than carbon costs on a per lb. PCB removed.

4) The cost to generate PCB from foam is about 125 times greater than the cost to regenerate carbon.

5) The technology for removal using foam has not been developed whereas the technology using carbon is available.

I recommended that he get in touch with you for additional information.

E. E. Stewart

EES:adm

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