St. Louis

December 21, 1966

Aroclor 5460

W. F. Waychoff
W. H. Hunt
J. D. Early - Washington

FILE	✓	
Destroy		
JTG		
WHH	✓	✓
MNJ		
REK	✓	
RAM		
EPW	✓	✓

R. G. Moody
Anniston

File Aroclor 5460

Bob, we recently learned from the Food and Drug Administration that they had fed-studied 5460 in a chicken feeding test. Concurrently, FDA learned that our typical 5460 contains a small quantity of chlorinated biphenyl mixed in with the chlorinated terphenyl and quarterphenyls. F&DA have put two and two together and decided that the toxicity of 5460 may be due to this minor concentration of chlorinated biphenyl.

Could you please tell me:

1. Whether it is now possible or will be possible to additionally purify the terphenyl raw material to reduce the concentration of biphenyl prior to chlorination, or alternately

2. To remove the chlorinated biphenyl once chlorination has occurred.

If it's possible to remove the chlorinated biphenyl by any type of fractionation means, we'd like to remove and isolate it, separately feed study it to determine whether it is the bad actor in 5460.

Won't you please review the foregoing and let me have your comments. Thanks, Bob.

R. M. Parks

ph

DSW 312460

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