

Monsanto Chemical Company
ANNISTON, ALABAMA

CC: Mr. Weatherly - St. Louis
Dr. Jenkins
Mr. Garber

Mr. Wheelock - St. Louis

August 20, 1940

AROCLORS
GENERAL ELECTRIC COMPANY

Re your memo of August 16th concerning the variation in color in the different lots of Aroclor #1254 shipped from Anniston. We have prepared samples of Lots #1015, 16, 17 for observation and find that Lot #1016 has a rather amber color in comparison to Lots #1015 and #1017. Actually Lots #1015 and #1017 are somewhat clearer than any previous lots we have prepared for General Electric. We do not work to the ASTM color standard but we use the NPA standards and even Lot #1016 is well within the value of 1. We do not have a standard for a value of 1/2 but believe that this lot would come even within that range.

We don't see why we can't produce within the value of 1/2 in the future. We would like for Dr. Jenkins to obtain color standards for us in the ranges less than 1, say 3/4, 1/2 and 1/4.

The variation in color is due to slight variations in still operation in the plant. We have observed that we get a slight amber color if we carry our distillation a little too fast. With the proper set of control standards we should be better able to control the distillation and thus standardize the color. We don't believe that the color within the range of 1 would have any affect on other qualities of this product.

EAO:mw

E. J. Collins

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