FROM (NAME & LOCATION): Anniston, Alabama

DATE: March 13, 1969

SUBJECT:

REFERENCE:

cc: J. C. Landwehr
G. W. Miller
H. L. Williams

TO : W. A. Kuhn

As a result of your letter to Mr. Landwehr dated January 29, 1969 regarding the use of Dalbon as a drum liner for Aroclor materials, I have reviewed the report mentioned in your letter (Job No. 370-501, Report No. 1) and subsequent reports issued by the Anniston laboratory.

The initial report suggested that Dalbon liner actually improved the electrical properties of Aroclor yet subsequent and apparently contradictory work (Report No. 3 dated 6-24-68) indicates that an epoxy-phenolic liner system is superior to Dalbon in retention of electrical properties. The end use of the material suggested for storage in Dalbon lined drums is not clearly understood. Will the suggested changes be employed for capacitor or transformer Aroclor?

On the possibility that more laboratory work will be required, I have considered a comparison of Dalbon to Epoxy-Phenolic liners using both washed and unwashed drums. A 70-80 day project which could be initiated after the properly lined drums are obtained is anticipated with an estimated laboratory cost of $4800. This would necessitate the elimination of projects relating to alternate Freon, Parathion Isomer reduction and other work related to Drum-Car Flushing.

Your comments regarding the inclusion of this study into the laboratory program will be appreciated.

J T Bell
J. T. Bell

/bs

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