R. S. Yates - General Offices

October 2, 1967

H. C. Carder - GO
P. E. Heisler - WGK
R. P. Stevens - CED

Minutes of Meeting Held 9/29/67

CEA 1800 - Aroclor Expansion - WGK

Messrs. Present

V. W. Brawley
J. A. Gloeckner
O. A. Meyer
H. F. Ray
R. S. Yates

Review of the proposed Dept. 246 design with emphasis on distillation system design was made. Following is a summary of conclusions and future plans.

1. Final product quality is affected by the external gas fired heaters. Our quality should improve with indirect fired units.

2. Boildown overheads should not in any case go to electrical grade storage but should be segregated.

3. The intermediate storage tank for 1142 should be a plus factor in final quality by providing aging time.

4. D. Armstrong will add to his laboratory work schedule the following items:

   a) Determine if air blowing of Aroclors is actually required.

   b. Determine a feasible method for monitoring Aroclor quality at the end of the distillation and/or during absorption to eliminate surge tankage.

   c. Determine if we can feed the continuous chlorination system with a stream of biphenyl and a stream of $FeCl_3$ in Aroclor 1242 (0.4% concentration).

5. Only one 1000 gallon surge tank will be included at the end of the absorption train instead of 2 X 2000 gallon tanks previously thought necessary.

R S Yates
R. S. Yates

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J. A. Gloeckner
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