Monsanto

FROM (NAME & LOCATION): R. W. Peterson - General Offices

DATE: August 14, 1968

SUBJECT: CEA 1430 - Expand Aroclors - Anniston
Porocell Columns - Design Premises #2

REFERENCE:

CC:
L. L. Faulkner
R. A. Haydel
R. M. Kountz
J. C. Landwehr
V. T. Langdon
H. L. Williams
R. S. Yates

TO: W. F. Taffee
Anniston
Alabama

In discussions with Van Langdon, I found our concepts of treating non-electrical grade Aroclors 1221, 1248 and 1262 was incorrect. I gather that you do not want to run these small volume products through Porocell columns, but continue blend tank clay addition and filtration on the plate and frame filter.

should not we have vacuum filter?

25. I assume you do not want to dismantle the filter or Peerless pumps as in topics 6 and 8 of my No. 1 set of premises dated 8/9/68.

still need place for sample collection see # 11

26. I propose that we use No. 3 filtrate receiver for column break-in of electrical Aroclors, and No. 1 filtrate receiver for filtered non-electrical Aroclors.

27. I propose that the column diameters be set to give 40-50 psi drop at 6 GPM feed rate. Vince is sending me some data on pressure drop for given flow rates.

In addition to the two drawings attached, D30 and D32, we will later develop the following:

D31 Engineering Flow Diagram - Porocell Columns, Aroclor.

D33 Engineering Flow Diagram - Aroclor Inside Building 27.

D34 Engineering Flow or Control Diagram - Temperature Control Blend Tanks.

D35 Engineering Flow Diagram - Therminol to Aroclor Column Jackets.

D36 Control Diagram - Sample Delivery to Power Factor Instrument and Disposal.

Please have the consolidated plant comments back to me by 8/30/68.

R. W. Peterson

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Attachments

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