

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

DATE March 25, 1968

SUBJECT Electrical Scope Details

REFERENCE CEA 1430 - Aroclors - Anniston

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TO H. B. Dygert

I. Pumps in Dept. 27

The only new pump being added in Dept. 27 for sure is Item 837, for tank 810, storage for Aroclor 5460. Fans will be 10 HP maximum. Possibly a Therminol booster pump may be required. Existing pumps 739, 740 and 741 (Peerless filter and filtrate pumps) are adequate as is. Future pumps for additional clay treating towers will probably be 4-5 HP units.

With the dismantling made possible by Project 1430, there will be sufficient panels in Dept. 27 motor control center to handle all of the above. I do not visualize any need to backfeed pumps from the new panel in the warehouse building. Refer to my previous panel list of Dept. 27 functions to be idle.

II. Tank Farm Corrections

Item 727 - Agitator was found to be 3 HP, not 7½ HP.

Item 730 - Has been changed from 15 HP to 10 HP.

Item 745 - Is a new function, 15 HP.

Item 747 - Toluene drum pump is to be 1/2 HP.

Item 746 - Scavenger drum pump, new, is to be 1/2 HP.

Note: Items 739, 740 and 741 are not required from the warehouse motor control center.

III. Horsepower Not Firm

The following items are not yet designed and the horsepower is not firm.

803 - Drum pallet conveyor.

819 - Bag flattener.

820 - Bag conveyor.

826 - 1268 mill.

828 - Aroclor flaker vent blower.

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831 - Aroclor flaker feed pump ... probably 5 HP.

834 - Aroclor conveyor ... probably 1/2 HP.

Cancel 835 and 836 conveyors (gravity flow).

837 - 5460 transfer pump - will be on Dept. 27 panel.

839 - 1268 dust collector blower.

843 - Biphenyl flaker vent blower.

848 - Aroclor pallet conveyor.

849 - Biphenyl pallet conveyor

(Revised equipment lists will be published shortly)

I realize these unresolved details make it hard to firm-up electrical design. I expect to firm-up these details by late April, now that the major project philosophy has been clarified with production personnel.

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