Harlett

COMPANY CONFIDENTIAL

Sauget, Illinois

March 26, 1978

Progress Report

Aroclor Expansion (CEA 1800)
W. G.Krummrich Plant
Department 246

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Report Objective

To communicate to Organic Management the Aroclor Expansion project/start-up status and timing and the status/plans of the Aroclor Quality Improvement Program.

Report Scope

This report is a brief resume' of major events through 3/25/68.

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Manufacturing Representative

Approved By: T. W. Dalton
General Superintendent

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Phase I - Aroclor Finished Product Storage

Field construction proceeding on schedule. EDC remains at 7/1/68.

The five (5) new aluminum, 22,000 gallon storage tanks along with the associated transfer pumps and filters have been mounted on their respective foundations. Piping fabrication is underway.

The track 10-A extension has been completed and the foundations for the new Spot 5 and 6 Biphenyl unloading docks are poured. Field erection of the 100,000 gallon biphenyl storage has not commenced.

In conjunction with Phase I of the expansion, WGK project No. 2844 - "Provide Facilities To Increase Capacity And Quality Of Transformer Blends To Meet Sales Requirements" is being installed. About 85% of this project will be completed by the start-up of Phase I with the remaining 15% completed by 8/1/68. The delay is due to the availability of the existing Aroclor 1260 storage tank as a result of the sold-out status of the Aroclor Department.

The new foreman's office and the necessary parts of the new motor control center will both be completed by start-up of Phase I.

No scope changes for Phase I of this project are anticipated at present.

Phase II - 40 M #/Yr. Aroclor Manufacturing Facilities

Design and drafting are proceeding on schedule. All equipment except for some instrumentation and electrical hardware is on order. Providing the structural steel is delivered on the current schedule, project start-up will probably be moved up from 12/2/68 to 11/1/68.

The only scope change for Phase II anticipated at present is the purchase and installation of a spare vacuum ejector for the two new 25 M #/yr. stills. Anticipated installed cost is $3000. This spare unit is necessary to avoid costly repair outages on the stills. The existing #1 and #2 stills have an installed spare which has more than justified its original cost.

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Aroclor Quality Improvement Program

The operating conditions for the new Aroclor Plant have been finalized. These conditions have been set to achieve with known technology the Aroclor Quality Goals established at the Corporate Aroclor Meeting in May, 1967. The major items of concern are Power Factor, Resistivity and Stability (Thermal Chemical Chlorides). Up until the present there has been no work directed towards duplication of products, as measured by GLC and IR analyses, at WGK, Anniston and MCL as the need for this duplication was not included in the original Quality Goals.

Future Work includes (1) identification of the Biphenyl quality problem (EDC 10/1/68) (2) evaluation of a new type chlorination catalyst (EDC 10/1/68), and (3) identification of differences in Aroclor production at the three manufacturing locations and method of controlling these differences (EDC 4/1/69).

H. F. Ray
Manufacturing Representative

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