

St. Louis - General Offices

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AROCLOR 5460

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CPATO

XC VRH file: A 5460
GWM
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FDA QUAL.
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W. K. W.

This is intended to bring all interested parties up to date regarding possible changes in Aroclor 5460 quality and product form and how these may relate to the expansion project.

FDA Approval

By the end of this month the plant hopes to complete a monitoring program on the biphenyl still to establish the minimum biphenyl content that can be expected in Santowax. This will determine the theoretical amount of chlorinated biphenyl which might be expected in Aroclor 5460. Direct measurement of chlorinated biphenyl in 5460 still awaits the development of a suitable analytical method by Ed Emery.

Low Color Aroclor 5460

You indicated in your memo of 4/24/69 that the potential for low color Aroclor 5460 was really contingent on FDA approval. Short range we plan no activity on this other than laboratory preparation of a suitable quantity for samples and a re-estimation of manufacturing costs by the plant for operation at a 1 M lbs./yr. level. Facilities for production of low color material are not included in the scope of CED project and will be considered later, if and when justified.

Molten Aroclor 5460

In the same memo you indicated the possibility of one or two customers at the 1 M lbs./yr. level who might be interested in molten material. A quick look by the plant indicates a required capital expenditure of approximately \$30 M and container and distribution savings of about \$18 M per year at the 1 M lb. level. This appears to be an economically attractive approach if we can move suitable volumes. At present there is no activity in either Central Engineering or the plant to install such facilities and none is planned until we receive further guidance. One obvious unanswered question at this point involves heat stability of Aroclor 5460 kept molten over extended periods of time. If we are really serious about molten shipments, this needs to be pursued.

John E. Smith

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