



E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED

WILMINGTON, DELAWARE 19898

cc: S. C. Doberstein
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CHEMICALS, DYES AND PIGMENTS DEPARTMENT
JACKSON LABORATORY

April 7, 1980

To: R. A. Darby,

From: C. G. Bottomley *CB*

CANDIDATES FOR GENERAL MANAGEMENT LUNCHEONS

An updated list of technical people and topics for the subject luncheons is as follows:

AROMATIC PRODUCTS AND CHEMICALS R&D

Diamines Yield Improvement Program - Carlos Lores

Phenylenediamines yields have been improved an average of 4%. An additional 2-3% improvement is expected. The value of the program is \$800M to \$1400M/yr.

4,4'-Oxydianiline Pilot Plant Program - Aldo Morell

Pilot plant demonstration of expansion routes is underway on a tight schedule. Program will save \$3000M in direct investment and \$3400M/yr. in operating savings.

Hexachloroacetone Distillation - K. K. Lin

Distillation capacity has been doubled with major new investment postponed beyond five years.

"Tyzor" Organic Titanates Expansion - Bruno Muzzi

Program for basic data development for 50% expansion, 4M lbs./yr. to 6M lbs./yr., with minimum new investment.

Mononitrotoluenes Cost Reduction - Carl Chen

R&D cost reduction effort in Isomer Separation Facilities as part of overall, major effort in mononitrotoluenes business.

New Reduction Catalyst Concepts - Karl Cossaboon

Noble metal plating on surfaces and non-noble metal catalysts to reduce annual Aromatic Products catalyst charges of over \$2M.

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AROMATIC PRODUCTS AND CHEMICALS R&D - (Contd.)

Nitration Program - Mendel Gordon

Two part R&D program to improve yields and shift isomer ratios in existing equipment. This will be accomplished through minor equipment modifications and minor changes in operating parameters.

Hexafluoroacetone Capacity Increase - Rollie Hein

Capacity has been increased from 180M lbs./yr. to 250M lbs./yr. Programs are underway to increase capacity further to 400 lbs./yr. with minimum investment.

"Avitex" NA Quality - Bill Evans

Less than 70% of our production has historically met required storage stability for export shipment. Chemical cause of the instability has been defined and is being corrected.

Commercial Phthaloyl Chloride Plant - Klaus Wuttke

Technical liaison is being provided for the new plant.

COLORED PIGMENT PRODUCTS R&D

Nonchromium Oxidation Process for Quinacridonequinone - J. F. Maurer

Perchlorate-vanadium oxidation system eliminates chromium and avoids pollution control investment while providing a cost savings. Startup scheduled for April.

Chlorosulfonic Acid Process for Green
Copper Phthalocyanine (CPC) Manufacture - C. W. Anderson

Chemistry, process and economics of polychloro CPC manufacture by chlorination of CPC blue in chlorosulfonic acid.

Yellow Shade Copper Phthalocyanine (CPC)
Green Manufacture (Brominated Green Y) - M. W. Williams

Status review of yellow shade green quality and yield.
Program objectives and methods to achieve them.

Candidates for General Management Luncheons - CGB
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SPECIALTY CHEMICAL PRODUCTS

"Torvex" Control of Nitrous Oxide Emissions - E. J. Greenwood

Utilization of Experimental Design in
Developing New Products

- S. Raynolds

Surface Chemistry Relative to Specialty
Chemical Products Business

- R. H. Dettre

CGB:gmd

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