



E. I. DU PONT DE NEMOURS & COMPANY

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CHEMICALS AND PIGMENTS DEPARTMENT

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DU PONT CONFIDENTIAL  
SPECIAL CONTROL

To: P. A. Wriede  
Jackson Lab

From: S. A. Dombchik

SD

NEWPORT COST REDUCTION 1983-1987

Attached are five-year technical cost reduction programs identified for the Newport site totaling \$6.4MM. Included are two programs underway at Jackson Lab (Sulfuric Acid in SSE, CPC-AF). This list has been reviewed with J. L. Deming. Unlike past years this year's summary includes five year programs forecasted by Production which may require technical assistance. This year's five year forecast is more optimistic in nature with many programs in 1984-7 coming from our earlier Zero Base Technology study. The site's goal is to reduce controllable costs 9% in 1983, 7% in 1984, 7% in 1985, 5% in 1986, and 5% in 1987. The \$6.4MM represents 44% of the total \$14.6MM required reductions. \$9.9MM of the site reductions have been included in the 1983-87 PACE forecast as firm.

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attach. (2)

QA COST IMPROVEMENT FORECAST

PLANT - NEWPORT

DATE - SEPTEMBER 14, 1982

(All values in thousands of dollars)

| YEAR | QUARTER                               | FIRM |     |     |     |     | GOAL |     |     |     |     |                       |     |     |     |
|------|---------------------------------------|------|-----|-----|-----|-----|------|-----|-----|-----|-----|-----------------------|-----|-----|-----|
|      |                                       | 1983 |     |     |     |     | 1984 |     |     |     |     |                       |     |     |     |
|      |                                       | I    | II  | III | IV  | YR. | I    | II  | III | IV  | YR. | 1984<br>Carry<br>Over |     |     |     |
|      | Energy                                | 37   | 37  | 38  | 38  | 150 | 15   | 25  | 25  | 25  | 90  | 290                   | 160 | 395 | 490 |
|      | Yield                                 | 43   | 43  | 43  | 46  | 175 | 10   | 10  | 10  | 20  | 50  | 30                    | 75  | 200 | 200 |
|      | Reduce Methylate                      | 10   | 10  | 10  | 10  | 40  | 5    | 5   | 5   | 5   | 20  |                       | 30  | 70  | 85  |
|      | "Dowtherm"                            | 18   | 18  | 18  | 21  | 75  | 25   | 25  | 25  | 25  | 100 | 25                    | 25  | 75  | 25  |
|      | Reduce Sitol                          |      |     |     |     |     | 18   | 18  | 18  | 21  | 75  |                       |     |     |     |
|      | Caustic (WN)                          | 20   | 20  | 20  | 30  | 90  | 15   | 15  | 15  | 15  | 60  |                       |     |     |     |
|      | Water                                 |      |     |     |     |     | 2    | 3   | 2   | 3   | 10  | 10                    | 10  | 10  | 10  |
|      | H <sub>2</sub> SO <sub>4</sub> in SSE |      |     |     |     |     |      |     |     |     |     | 250                   | 10  |     | 170 |
|      | Rewash Gamma                          |      |     |     |     |     | 50   | 50  | 50  | 50  | 200 |                       |     |     |     |
|      | Reduce Substandard                    |      |     |     |     |     | 2    | 3   | 2   | 3   | 10  | 10                    | 10  | 10  | 10  |
|      | R&D Manpower                          | 8    | 9   | 9   | 9   | 35  |      |     |     |     |     | 80                    | 90  |     |     |
|      |                                       | 136  | 137 | 138 | 154 | 565 | 142  | 154 | 152 | 167 | 615 | 695                   | 410 | 760 | 990 |

**PLANT - NEWPORT**

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(All values in thousands of dollars)

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