



E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED

NEWARK PLANT
NEWARK, NEW JERSEY
CHEMICALS AND PIGMENTS DEPARTMENT

A. J. Arellano	R. S. Weis - Wilmington
T. R. Becker	P. A. Hopkins - Wilm.
E. C. Caha	C. R. Owen - Wilm.
D. C. Gero	T. G. Huguenin
D. Gray	A. M. Janowski
W. T. Harrington	J. P. Lento
W. D. Mc Cluskey	
D. O. Miller	
R. F. Mitchell	
R. E. Peavy	

FOR DU PONT USE ONLY

Newark, New Jersey
April 19, 1983

W. H. McCOY
B-17348
C & P - WILMINGTON

NEWARK COST REDUCTION ACCOMPLISHMENT

FIRST QUARTER - 1983

Attached is a summary and detail illustrating Newark Plant's Cost Reduction Accomplishment for the subject period.

R. H. White

R. H. WHITE
SR. SUPERVISOR, CONTROL

RW/ddb
Attachments
(0011C)

NEWARK, NEW JERSEY.

COST REDUCTION FORECAST/ACCOMPLISHMENT - FIRST QUARTER 1983

I.D.	CATEGORY/PROGRAM	RESPON- SIBILITY	REALIZED YEAR-TO-DATE	SAVINGS FORECAST			NOTES
				COMMITTED	GOAL TOTAL	CURRENT ESTIMATED	
INGREDIENTS							
A-1	MAKING AREA INCREASED YIELDS	JJG	\$ 22,000	\$ 475,300	\$ 475,300	\$ 400,000	3
B-2	PRESSCAKE IN LEVER PAK DRUMS	TGH	13,000	13,000	13,000	13,000	2
B-4	IMPROVED BP-565 YIELD	TGH	0	7,000	7,000	7,000	7,000
B-5	INCREASE QA YIELD	TGH	2,920	38,604	38,604	30,000	
B-6	IMPROVED OTHER ORGANIC YIELD	TGH	14,138	10,000	10,000	40,000	
B-7	IMPROVE CPC YIELD	TGH	0	40,000	30,000	30,000	
C-3	TORIT DUST COLLECTOR-EAST BLENDER	AMJ	21,656	60,000	64,000	40,000	
C-4	SLING PAK VS. LEVER PAK	AMJ	2,601	5,120	10,800	8,000	
C-6	TORIT DUST COLLECTOR - ORGANIC BLENDER	AMJ	0	109,560	109,560	82,170	27,390 1
D-2	IMPROVE LEAD AND CHROME FLOW CONTROL	AJA	0	10,400	16,000	7,800	2,600 1
D-3	REDUCE DEFOAMER USE	AJA	0	6,000	9,000	4,500	1,500 1
D-4	REDUCE CENTRIFUGE YIELD LOSS	AJA	0	103,000	103,000	77,250	25,750 1
F-4	PLANT BUYER	RFH	20,000	0	0	80,000	4
	TOTAL		96,315	877,984	896,264	819,720	64,240

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NEWARK, NEW JERSEY

COST REDUCTION FORECAST/ACCOMPLISHMENT - FIRST QUARTER 1983

I.D.	CATEGORY/PROGRAM	RESPON- SIBILITY	REALIZED YEAR-TO-DATE	SAVINGS FORECAST			NOTES
				COMMITTED	GOAL TOTAL	CURRENT ESTIMATED	
LABOR AND SALARIES							
A-2	MAKING AREA - INCREASED PRODUCTIVITY	TRB	\$74,400	\$ 111,600	\$ 55,800	\$ 55,800	18,600 3
A-3	SHIPPING/MATERIAL HANDLING CONSOLIDATION	TRB	19,000	44,000	44,000	44,000	
A-4	DIRECT EDISON SHIPMENTS	TRB	72,000	60,000	80,000	130,000	
A-5	PRODUCTION CLERICAL	TRB	10,302	17,200	17,200	17,200	
A-6	ELIMINATE HF MILLING	✓ TRB/REP	0	0	10,000	10,000	40,000
A-7	SANDMILL RW-252P	✓ TRB/REP	0	0	5,000	5,000	10,000
B-8	USE OF SLINGPAKS	TGH	5,000	20,000	20,000	20,000	
B-9	PRESSCAKE WASHING IMPROVEMENTS	✓ TGH/REP	0	0	10,000	6,000	4,000
C-1	IRIS VALVES FOR ORGANIC PACKOUT	AMJ	9,607	85,000	85,000	70,000	
C-2	SIX INCH SCREW ON DURANT PACKER	AMJ	1,375	5,500	5,500	5,500	
C-4	SLING PAKS TO REPLACE LEVERPAKS	AMJ	5,528	10,880	23,200	14,000	
C-5	SHIP FROM 38A BLDG. TO EDISON	AMJ	293	20,000	20,000	16,000	
C-7	PROCESS OPERATOR EQUIPMENT	AMJ	9,601	0	0	39,000	4
C-8	PROCESS OPERATOR TRANSPORT	AMJ	9,601	0	0	39,000	4

NEWARK, NEW JERSEY

COST REDUCTION FORECAST/ACCOMPLISHMENT - FIRST QUARTER 1983

I.D.	CATEGORY/PROGRAM	RESPON- SIBILITY	REALIZED YEAR-TO-DATE	SAVINGS FORECAST			NOTES
				COMMITTED	GOAL TOTAL	CURRENT ESTIMATED	
LABOR AND SALARIES							
C-9	CONSOLIDATION OF ORGANIC AND INORGANIC FINISHING	AMJ	\$ 13,500	\$ 0	0	\$54,000	4
D-2	IMPROVED LEAD AND CHROME FLOW CONTROL	AJA/REP	0	33,600	38,000	25,200	8,400 1
D-5	FINISHING KROLOR COMPONENT (YC-10 AND YC-16)	AJA	6,290	71,200	71,200	57,000	
D-6	INCREASE PRODUCTIVITY	AJA	46,580	109,000	109,000	125,000	
D-7	FINISHING YE-698	AJA/REP	0	24,000	118,000	18,000	6,000 1
D-8	ELIMINATE COMPONENT MANUFACTURE	AJA/REP	0	0	37,000	37,000	13,000
D-9	PULSAIRE AIR-DIFFUSERS	AJA	300	0	0	1,200	4
E-1	JANITORIAL WORK FORCE	DSA	3,450	6,900	6,900	6,900	
E-5	SODIUM SILICATE PUMP MAINTENANCE	WTH	0	2,000	2,000	1,500	500 1
E-7	CENTRIFUGAL PUMP VS. RECIPROCATING PUMP	WTH	0	2,000	2,000	1,500	500 1
E-8	COMBINATION STRAINER/ MAGNETIC SEPARATOR	WTH	0	500	500	0	2,5

NEWARK, NEW JERSEY

COST REDUCTION FORECAST/ACCOMPLISHMENT - FIRST QUARTER 1983

<u>I.D.</u>	<u>CATEGORY/PROGRAM</u>	<u>RESPON- SIBILITY</u>	<u>REALIZED YEAR-TO-DATE</u>	<u>SAVINGS FORECAST</u>		
				<u>COMMITTED</u>	<u>GOAL TOTAL</u>	<u>CURRENT ESTIMATE</u>
<u>LABOR AND SALARIES</u>						
E-9	STEAM INJECTION SYSTEM T-70 and T-71	WTH	\$ 300	\$ 1,200	\$ 1,200	\$ 1,200
E-10	TITANIUM LINER V-903	WTH	750	3,000	3,500	3,000
E-11	MAINTENANCE COST REDUCTION	WTH	2,500	10,000	10,000	10,000
E-12	IMPROVE LEAD DISTRIBUTION SYSTEM	WTH	0	20,000	22,250	15,000
E-13	HYDRAULIC FILTER PRESS MAINTENANCE	WTH	500	1,000	1,000	2,000
E-14	AUTOMATIC PARTS CLEANER	WTH	1,200	4,800	5,000	4,800
E-15	ACETIC ACID AND CAUSTIC CONTAINERS	DSA	400	1,200	1,200	1,200
E-16	DRYER MOTOR REMOVAL	DSA	250	1,000	2,000	1,000
E-17	ABANDON DRUM DUMPER	DSA	13,000	13,000	13,000	13,000
P-1	MANPOWER REDUCTIONS	DOM	373,467	871,423	871,423	871,423
	TOTAL		604,794	1,512,803	1,747,723	1,721,423

NEWARK, NEW JERSEY

COST REDUCTION FORECAST/ACCOMPLISHMENT - FIRST QUARTER 1983

I.D.	CATEGORY/PROGRAM	RESPON- SIBILITY	REALIZED YEAR-TO-DATE	SAVINGS FORECAST				NOTES
				COMMITTED	GOAL TOTAL	CURRENT ESTIMATED	CARRY-OVER	
MAINTENANCE MATERIALS								
E-2	USE OF SURPLUS EQUIPMENT	RFM	\$52,000	\$ 10,000	\$ 20,000	\$ 60,000		
E-5	SODIUM SILICATE PUMP MAINT.	WTH	0	800	1,000	600	200	1
E-6	AGITATOR DRIVE V-107	WTH	0	10,000	10,000	5,000	5,000	1
E-7	CENTRIFUGAL PUMP VS. RECIPROCATING PUMP	WTH	0	1,000	1,000	750	250	1
E-8	COMBINATION STRAINER/MAGNETIC SEPARATOR	WTH	4,000	4,000	4,000	4,000		2,5
E-10	TITANIUM LINER V-903	WTH	2,500	1,000	1,500	3,000		
E-11	MAINTENANCE COST REDUCTION PUMP	WTH	2,500	10,000	10,000	10,000		
E-12	IMPROVE LEAD DISTRIBUTION SYSTEM	WTH	0	5,000	7,500	3,750	1,250	1
E-13	HYDRAULIC FILTER PRESS	WTH	250	1,000	1,000	1,000		
E-15	ACETIC ACID AND CAUSTIC CONTAINERS	DSA	100	300	300	300		
	TOTAL		61,350	43,100	56,300	88,400	6,700	

NEWARK, NEW JERSEY

COST REDUCTION FORECAST/ACCOMPLISHMENT - FIRST QUARTER 1983

I. D.	CATEGORY/PROGRAM	RESPON- SIBILITY	REALIZED YEAR-TO-DATE	SAVINGS FORECAST			CARRY-OVER	NOTES
				COMMITTED	GOAL TOTAL	CURRENT ESTIMATED		
<u>ENERGY</u>								
B-3	REDUCE STEAM CONSUMPTION MEMBRANE PRESS	TGH	\$ 0	\$ 2,100	\$ 2,100	\$ 1,575	525	6
E-9	STEAM INJECTION SYSTEM T-70 and T-71	WTH	18,900	24,000	29,880	35,000		
E-18	REDUCE PLANT UTILITIES COST	ECC	40,022	6,000	10,000	45,000		
E-19	REDUCE STEAM COST	ECC	6,500	13,000	6,842	10,000		
E-21	115 BLDG. TEMPERED AIR REDUCTION	ECC	0	200	600	200	200	1
TOTAL				\$ 38,800	\$ 55,580	\$ 91,775	725	

NEWARK, NEW JERSEY

COST REDUCTION FORECAST/ACCOMPLISHMENT - FIRST QUARTER 1983

I. D.	CATEGORY/PROGRAM	RESPON- SIBILITY	REALIZED YEAR-TO-DATE	SAVINGS FORECAST			NOTES
				COMMITTED	GOAL TOTAL	CURRENT ESTIMATED CARRY-OVER	
<u>OTHER</u>							
B-1	ELIMINATE PRESS WATER TESTING	TGH	\$ 540	\$ 3,048	\$ 3,048	\$ 2,500	6
D-1	COUNTER CURRENT WASH	AJA/REP	12,340	17,600	17,600	25,000	
D-9	PULSAIRE AIR - DIFFUSERS	AJA	180	0	0	720	4
E-20	REDUCE WATER TREATMENT COST	ECC	0	400	800	300	100
F-1	CRT RENTAL REDUCTION	PEK	583	1,749	1,749	1,750	
F-2	IDP PAPER	WJM	25	0	0	100	4
F-3	RAW MATERIAL CONSIGNMENT	RHW	2,870	0	0	16,000	1,500 4
G-1	CHANGE WASTE DISPOSAL SITE	RFW	1,860	1,600	1,600	1,860	2
TOTAL			<u>18,398</u>	<u>24,397</u>	<u>24,397</u>	<u>48,230</u>	<u>1,600</u>

NEWARK PLANT
COST REDUCTION FORECAST/ACCOMPLISHMENT
FIRST QUARTER 1983 - SUMMARY (\$M)

SAVINGS FORECAST					
	REALIZED	YEAR-TO-DATE	COMMITTED	TOTAL	GOAL
CATEGORY					CURRENT
					ESTIMATE
					CARRY-OVER
INGREDIENT	96.3	878.0	896.3	819.7	64.2
LABOR & SALARIES	604.8	1,512.8	1,747.7	1,721.4	106.0
MAINT. MAT'L	61.3	43.1	56.3	88.4	6.7
ENERGY	65.8	38.8	55.6	91.8	0.8
OTHER	18.4	24.4	24.8	48.2	1.6
GRAND TOTAL	846.6	2,497.1	2,780.7	2,769.5	179.3
COST REDUCTION	5.64	3.23	3.58	3.94	0.22
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NEWARK, NEW JERSEY
COST REDUCTION FORECAST/ACCOMPLISHMENT - FIRST QUARTER, 1983

Notes:

- (1) Delayed
- (2) Complete
- (3) Production below forecast
- (4) Not forecasted
- (5) One time savings
- (6) Production plan