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FOR DU PONT USE ONLY

Newark, New Jersey
July 15, 1982

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

NEWARK COST REDUCTION ACCOMPLISHMENT

APRIL THROUGH JUNE, 1982

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

R. H. White / JRM.
R. H. WHITE
SR. SUPERVISOR, CONTROL

RW/ddb
Attachments

NEWARK PLANT
COST REDUCTION FORECAST/ACCOMPLISHMENT
SECOND QUARTER 1982 - SUMMARY

<u>CATEGORY</u>	<u>REALIZED YEAR-TO-DATE</u>	<u>COMMITTED</u>	<u>SAVINGS FORECAST</u>		
			<u>GOAL TOTAL</u>	<u>CURRENT ESTIMATE</u>	<u>CARRY- OVER</u>
INGREDIENT	200.6	453.0	473.0	543.9	17.5
LABOR & SALARIES	166.4	518.0	669.0	400.7	212.0
MAINT. MAT'L	147.1	25.0	35.0	224.2	0
ENERGY	18.2	32.0	50.0	34.3	3.3
OTHER	<u>19.4</u>	<u>64.0</u>	<u>64.0</u>	<u>62.2</u>	<u>3.2</u>
GRAND TOTAL	551.7	1,092.0	1,291.0	1,265.3	236.0
COST REDUCTION INDEX - %	1.88	1.27	1.50	1.72	0.32

NEWARK, NEW JERSEY

COST REDUCTION FORECAST/ACCOMPLISHMENT - SECOND QUARTER, 1982

Notes:

- (1) Poor performance due to operator errors.
- (2) Poor performance due to extra homogenizations (RW252), Lead contamination. (BW372)., component Inv. adj. write offs.
- (3) Better than expected performance.
- (4) Production pattern included high volume of AF Colors which usually reflect low yields.
- (5) Production pattern membrane press use on QA's.
- (6) Not forecasted.
- (7) Item complete.
- (8) Delayed.
- (9) Experienced operating problems will start savings 5/1/82.
- (10) Torit Dust Collector is reducing Reco operation.
- (11) One time savings.
- (12) Low production rates.

NEWARK, NEW JERSEY

COST REDUCTION FORECAST/ACCOMPLISHMENT - SECOND QUARTER 1982

I.D.	CATEGORY/PROGRAM	RESPON- SIBILITY	REALIZED YEAR-TO-DATE	SAVINGS FORECAST			NOTES
				COMMITTED	GOAL TOTAL	CURRENT ESTIMATED	
<u>INGREDIENTS</u>							
A-1	INCREASE SODIUM MOLYBDATE YIELD	MFG.	\$ 0	\$ 6,800	\$ 6,800	\$ 0	(1)
A-2	INCREASE DISPERSED PASTE YIELD	MFG.	0	6,400	6,400	4,800	(2)
A-5	LIQUID ALUM TO REPLACE DRY POWDER	MFG.	3,375	9,000	9,000	9,000	
B-1	INCREASE OBI YIELDS	PROC	3,350	7,380	7,380	8,880	(3)
B-2	INCREASE QA YIELDS	PROC	13,650	58,800	58,800	58,800	
B-3	INCREASE CPC BLUE YIELDS	PROC	5,700	39,600	39,600	30,000	(4)
B-4	INCREASE OO YIELDS	PROC	456	14,400	14,400	5,000	(5)
C-6	INCREASE IO YIELDS	FIN.	33,100	0	0	100,000	(6)
B-7	PRESSCAKE IN LEVERPAK	PROC	13,400	0	0	40,000	(6)

NEWARK, NEW JERSEY

COST REDUCTION FORECAST/ACCOMPLISHMENT - SECOND QUARTER 1982

I.D.	CATEGORY/PROGRAM	RESPON- SIBILITY	REALIZED YEAR-TO-DATE	SAVINGS FORECAST			NOTES
				COMMITTED	GOAL TOTAL	CURRENT ESTIMATED	
INGREDIENTS							
D-1	IMPROVED LEAD & CHROME FLOW CONTROL	CONT.PR.	\$ 0	\$ 15,000	\$ 20,000	\$ 10,000	(8)
9D-2	LIQUID ALUM TO REPLACE DRY POWDER	CONT.PR.	8,250	9,500	9,500	8,250	(7)
D-4	REDUCE USE OF N-153	CONT.PR.	46,500	140,000	150,000	130,000	(12)
D-7	IMPROVE YIELDS THROUGH CONTROL OF BAG WEIGHTS	CONT.PR.	0	15,000	20,000	7,500	(8)
F-1	PLANT BUYER	CONTROL	72,812	131,700	131,700	131,700	
TOTAL				\$ 200,593	\$ 453,580	\$ 473,580	\$ 543,930
							\$ 17,500

NEWARK, NEW JERSEY

COST REDUCTION FORECAST/ACCOMPLISHMENT - SECOND QUARTER 1982

I.D.	CATEGORY/PROGRAM	RESPON- SIBILITY	REALIZED YEAR-TO-DATE	SAVINGS FORECAST			NOTES
				COMMITTED	GOAL TOTAL	CURRENT ESTIMATED	
LABOR AND SALARIES							
A-3	INCREASED PRODUCTIVITY	MFG.	\$ 0	\$ 0	\$ 25,000	\$ 0	(12)
A-5	LIQUID ALUM TO REPLACE DRY POWDER	MFG.	3,375	9,000	9,000	9,000	
A-6	INCREASED PRODUCTIVITY	MFG.	2,511	0	0	5,000	(6)
B-5	INCREASED PRODUCTIVITY	PROC	0	15,900	15,900	0	(12)
C-1	ORGANIC DRUM WASHER	FIN. R&D	0	25,500	25,500	17,000	(8)
C-2	ORGANIC DUST COLLECTING FACILITIES	FIN.	0	8,000	8,000	6,000	(8)
C-3	INORGANIC DUST COLLECTION FACILITIES	FIN.	400	4,500	4,500	400	(7)
C-4	ELIMINATE KROLOR COMPONENT INV.	FIN. R&D	0	0	18,750	12,500	(8)
C-5	IMPROVE AREA PRODUCTIVITY	FIN. R&D	0	0	25,000	12,500	(8)
D-1	IMPROVED LEAD & CHROME FLOW CONTROL	CONT.PR.	0	35,000	45,000	23,330	(8)
D-2	LIQUID ALUM TO REPLACE DRY POWDER	CONT.PR.	15,400	20,700	20,700	15,400	(7)

NEWARK, NEW JERSEY

COST REDUCTION FORECAST/ACCOMPLISHMENT - SECOND QUARTER 1982

I.D.	CATEGORY/PROGRAM	RESPON- SIBILITY	REALIZED YEAR-TO-DATE	SAVINGS FORECAST			NOTES
				COMMITTED	GOAL TOTAL	CURRENT ESTIMATED	
LABOR AND SALARIES							
D-3	INCREASE PRODUCTIVITY	CONT.PR	\$ 0	\$ 19,000	\$ 23,600	\$ 9,500	(8)
D-5	CONT. PROCESS MANUFACTURE OF YE-698	CONT.PR. R&D		240,000	240,000	60,000	180,000 (8)
D-6	REPLACE VORTAC & MICRO SYSTEM WITH BAUER MILL	CONT.PR. R&D	33,950	35,000	49,000	60,000	
E-1	ELMINIATE NITRIC ACID BUGGY MAINT.	MECH	500	1,000	1,000	1,000	
E-2	ELIMINATE MAINTENANCE CORRO- SIVE CONTAINERS	MECH	260	1,000	1,000	500	
E-4	MORE EFFICIENT USE OF PERSONNEL	MECH	21,490	50,000	75,000	30,000	
E-5	REDESIGN MOLTON LEAD DISTRIBUTION SYSTEM	MECH	0	10,000	25,000	5,000	2,500 (8)
E-6	REDUCE BLDG. & EQUIP. MAINTAINANCE	MECH	4,625	7,500	12,500	7,500	
E-8	DELTRIN STRIPS ON 92 & 93 PRESS	MECH	150	330	330	330	
E-9	TOP MOUNTED CIRCULATING FANS CONT. UNIT DRYER	MECH.	325	630	630	630	

NEWARK, NEW JERSEY

COST REDUCTION FORECAST/ACCOMPLISHMENT - SECOND QUARTER 1982

I.D.	CATEGORY/PROGRAM LABOR AND SALARIES	RESPON- SIBILITY	REALIZED YEAR-TO-DATE	SAVINGS FORECAST			NOTES
				COMMITTED	GOAL TOTAL	CURRENT ESTIMATED	
E-10	WET SAND BLAST CLEANING	MECH	\$ 4,000	\$ 5,000	\$ 5,000	\$ 5,000	
E-11	STEAM INJECTION SYSTEM TANK 70 & 71 CONT. UNIT	MECH	0	3,330	5,000	1,670	(8)
E-12	REPLACE SODIUM CHROMATE PUMP	MECH	2,000	1,330	2,670	3,000	
E-13	INSTALL TITANIUM LINER V-317	MECH	2,000	0	0	4,000	(6)
E-14	"GAR-THANE" SYNTHETIC LEATHERS	MECH	850	1,500	1,800	1,500	
E-17	IMPROVED EQUIPMENT & MATERIAL-WASTE TREATMENT AREA	MECH	620	1,500	3,000	1,500	
E-18	IMPROVED MOTOR HOISTING FACILITIES	MECH	0	1,000	3,000	500	(8)
E-19	IMPROVED INSTRUMENTATION	MECH	1,264	1,750	3,500	1,750	
E-22	INSTALLATION OF BAUER MILL	MECH.	30,474	0	0	60,000	(6)
G-1	ELIMINATE RESPIRATOR FIT TEST SUPERVISOR	ERD	19,500	19,500	19,500	19,500	(7)
E-23	FILTER PRESS HYDRAULIC CHECK VALVE	MECH	2,000	0	0	6,000	(6)
E-24	REPAIR HOMOGENIZER BASE	MECH	4,000	0	0	4,000	(11)
E-26	BLDG. 6 SCRUBBER DAMPER CONTROL		16,700	0	0	16,700	(11)
	TOTAL		<u>166,394</u>	<u>517,970</u>	<u>668,880</u>	<u>400,710</u>	<u>212,000</u>

NEWARK, NEW JERSEY

COST REDUCTION FORECAST/ACCOMPLISHMENT - SECOND QUARTER 1982

I.D.	CATEGORY/PROGRAM	RESPON- SIBILITY	REALIZED YEAR-TO-DATE	SAVINGS FORECAST				NOTES
				COMMITTED	GOAL TOTAL	CURRENT ESTIMATED	CARRY-OVER	
<u>MAINTENANCE MATERIALS</u>								
E-1	ELIMINATE NITRIC ACID BUGGY MAINTENANCE	MECH.	\$ 500	\$ 1,000	\$ 1,000	\$ 1,000		
E-2	ELIMINATE MAINTENANCE OF CORROSIVE CONTAINERS	MECH.	250	1,000	1,000	1,000		
E-3	MONORAIL SYSTEM FOR CENTRIFUGE 12 BLDG.	MECH.	2,000	4,000	4,000	4,000		
E-6	REDUCE BLDG. & EQUIPMENT MAINTENANCE	MECH	4,625	7,500	12,500	9,000		
E-8	DELTRIN STRIPS 92 & 93 PRESS	MECH	70	170	170	170		
E-9	TOP MOUNTED CIRCULATING FANS CONT. UNIT DRYER	MECH	325	620	620	620		
E-12	REPLACE SODIUM CHROMATE PUMP	MECH.	2,000	2,670	5,330	3,000		
E-13	INSTALL TITANIM LINER V-317	MECH.	450	5,000	5,000	2,000		
E-14	"GAR-THANE" SYNTHETIC LEATHER	MECH.	850	1,000	1,200	1,500		
E-17	IMPROVED EQUIPMENT & MATERIALS, WASTE TREATMENT AREA	MECH.	1,880	1,000	2,000	3,000		
E-19	IMPROVED INSTRUMENTATION	MECH	0	750	1,500	550		

NEWARK, NEW JERSEY

COST REDUCTION FORECAST/ACCOMPLISHMENT - SECOND QUARTER 1982

I.D.	CATEGORY/PROGRAM	RESPON- SIBILITY	REALIZED YEAR-TO-DATE	SAVINGS FORECAST			NOTES
				COMMITTED	GOAL TOTAL	CURRENT ESTIMATED	
E-21	USE SALVAGABLE REPAIR MATERIAL	MECH.	1,350	0	0	1,350	(6)
E-22	INSTALLATION OF BAUER MILL	MECH.	55,837	0	0	120,000	(6)
E-26	BIDG. 6 SCRUBBER DAMPER CONTROL	MECH.	33,300	0	0	33,300	(11)
E-25	REPAIR HOMOGENIZER HEADS		43,700	0	0	43,700	(11)
TOTAL			\$ 147,137	\$ 24,710	\$ 34,320	224,190	

NEWARK, NEW JERSEY

COST REDUCTION FORECAST/ACCOMPLISHMENT - SECOND QUARTER 1982

I.D.	CATEGORY/PROGRAM	RESPON- SIBILITY	REALIZED YEAR-TO-DATE	SAVINGS FORECAST			CARRY-OVER	NOTES
				COMMITTED	GOAL TOTAL	CURRENT ESTIMATED		
<u>ENERGY</u>								
B-6	IMPROVED DRYER UTILIZATION	PROC.	\$ 2,500	\$ 5,000	\$ 5,000	\$ 5,000		
E-7	MISC. ENERGY CONSERVATION	MECH.	1,500	10,000	10,000	8,250		(12)
E-11	STEAM INJECTION SYSTEM TANK 70 & 71, CONT. PROCESS	MECH.	0	6,670	10,000	3,330	3,340	(8)
E-15	INSTALL MORE ENERGY EFFICIENT EQUIPMENT	MECH.	7,200	5,000	10,000	10,000		
E-16	IMPROVE POWERHOUSE EFFICIENCY	MECH.	6,205	5,000	15,000	7,000		
E-20	INSULATE TOPS OF P&S DRYERS	MECH.	750	750	750	750		(7)
TOTAL				\$ 18,155	\$ 32,420	\$ 50,750	\$ 34,330	3,340

NEWARK, NEW JERSEY

COST REDUCTION FORECAST/ACCOMPLISHMENT - SECOND QUARTER 1982

I.D.	CATEGORY/PROGRAM	RESPON- SIBILITY	REALIZED YEAR-TO-DATE	SAVINGS FORECAST			NOTES
				COMMITTED	GOAL TOTAL	CURRENT ESTIMATED	
OTHER							
A-4	REPLACE SPARKLER FILTER CLOTHS	MFG.	\$ 5,400	\$ 21,750	\$ 21,750	\$ 21,750	
C-1	ORGANIC DRUM WASHER	FIN.	0	4,500	4,500	3,000	
F-1	PLANT BUYER	CTL.	8,173	37,800	37,800	20,000	
F-2	INSTALL DIMENSION 400	MECH	2,700	0	0	8,000	(6)
F-3	CRT RENTAL SAVINGS	CTL	1,560	0	0	4,680	(6)
G-2	REDUCE WASTE HAULING FREIGHT	ERD	1,600	0	0	4,800	(6)
TOTAL				19,433	64,050	62,230	3,160

COST IMPROVEMENT - FORECAST vs. ACTUAL

PLANT - NEWARK, NEW JERSEY
DATE - 1981 - FOURTH QUARTER

(All Values in Thousands of Dollars)

	CURRENT QUARTER		YEAR-TO-DATE		YEAR		NEXT YEAR CARRYOVER	
	FCST.	ACT.	FCST.	ACT.	FCST.	ACT.	YTD ACTUAL	TOTAL YEAR FORECAST
INGREDIENTS	74	132	295	587	295	587	10	15
LABOR AND SALARIES	156	157	520	581	520	581	70	108
MAINTENANCE MATERIALS	5	115	18	136	18	132	0	0
ENERGY	8	37	29	250	29	250	1	0
OTHER	26	4	115	69	115	69	5	0
TOTAL	269	445	977	1623	977	1623	86	123
								86

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