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CHEMICALS AND PIGMENTS DEPARTMENT

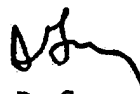
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Newark, New Jersey
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1981 SITE COST IMPROVEMENT FORECAST

Attached is the requested breakdown of 6 months firm and goal cost reduction accomplishments and a 6+6 forecast for R+D - plant joint responsibility programs. Also included is an explanation of variances for programs that will not result in projected 1981 savings.


D. Gray
R+D Division

DG/cjg

1981 SITE COST IMPROVEMENT FORECAST

6 Month Actual + 6 Month Forecast On
R+D - Plant Joint Responsibility Programs

<u>CPC</u>	<u>1981 Forecast</u>		<u>6 Month Actual</u>		<u>6+6 Forecast</u>		<u>Variance Explanation</u>
	<u>Firm</u>	<u>Goal</u>	<u>Firm</u>	<u>Goal</u>	<u>Firm</u>	<u>Goal</u>	
Improve Quality (Npt - Nwk)		35		18		35	
TOTALS		35		18		35	

1981 SITE COST IMPROVEMENT FORECAST

6 Month Actual + 6 Month Forecast On R+D - Plant Joint Responsibility Programs

OTHER ORGANICS	1981 Forecast		6 Month Actual		6+6 Forecast		Variance Explanation
	Firm	Goal	Firm	Goal	Firm	Goal	
Membrane Press Drum Washer	100 34	=	98		100 20		•Special aluminum lined drums not received.
Dust Collector		8				5	•Design to install dust collector delayed. Stack permit delayed.
Dalamar® Yield	100		24			50	•Complete conversion to dry form of 5,2 amine required. Alternate source identified.
Reduce Mixing		50		30		65	•Clarification (elimination) work delayed - manpower.
Díazo Press		5					•Delayed - manpower
TOTALS	134	193	122	66	120	120	
	327		188			240	

1981 SITE COST IMPROVEMENT FORECAST

6 Month Actual + 6 Month Forecast On
R+D - Plant Joint Responsibility Programs

<u>QA</u>	<u>1981 Forecast</u>		<u>6 Month Actual</u>		<u>6+6 Forecast</u>		<u>Variance Explanation</u>
	<u>Firm</u>	<u>Goal</u>	<u>Firm</u>	<u>Goal</u>	<u>Firm</u>	<u>Goal</u>	
Improve Quality (Nwk - Npt)		60		30		60	
TOTALS		60		30		60	

1981 SITE COST IMPROVEMENT FORECAST

6 Month Actual + 6 Month Forecast On
R+D - Plant Joint Responsibility Programs

INORGANICS	1981 Forecast		6 Month Actual		6+6 Forecast		Variance Explanation
	Firm	Goal	Firm	Goal	Firm	Goal	
Computer Color Reading		50					
Liquid Alum	28				14		•Project to install H+V to stabilize computer environment delayed. Install IQ81.
NOx Scrubber	6		6		6		•Programming to allow 2 DuColor units on-line delayed - Manpower.
Reduce C/U Blending		72		25		72	•Delay in installation of facilities to handle liquid alum in making area.
Sodium Molybdate Yield	7		12		17		
Improve Moly Orange	13	42	28		48		
Dust Collection Inorg.Fin 18			2		16		
Improve Krolor®		59				59	
Improve Lead/Chrome Flow		43		23			•Project scope change. Install IQ81.
YE-698-D Cont.	240					0	•Limited short run plant trials run to define control variables
						0	- water conservation
							- production forecast for other C/U codes.
							Need equipment upgrading
							- flow control lead/chrome
							- pH control
							- level control
Eliminate Krolor®							
Component Manufacture		25				0	•Limited success realized to date.
Unforecasted R+D							
personnel reduction				32		74	JNBirmingham and R.S.Bischoff
TOTALS	312	291	48	80	101	205	
		603		128		306	