

COLORED PIGMENTS R&D

PROGRAM REVIEW

PAW
12/07/82

N 25836

1982 OBJECTIVES

- **REDUCE MANPOWER/EXPENSE**
- **DEVELOP IMPROVED PROCESS TECHNOLOGY AND
COMPLETE PROCESS DOCUMENTATION**
- **DEVELOP NEW PRODUCTS REQUIRED TO MAINTAIN
COMPETITIVE POSITION**

PAW-1

MANPOWER/EXPENSE

	<u>ACTUAL MANPOWER</u>		<u>ORIGINAL FORECAST</u>
	<u>1/01/82</u>	<u>12/01/82</u>	<u>1/01/83</u>
EXEMPT	50	31	46
NON-EX/NR	<u>81</u>	<u>52</u>	<u>77</u>
	121	83	112

- ACCELERATED MANPOWER REDUCTION VS. PLAN BY
~ 2 YEARS
- REDUCED 38 OR 31% THROUGH '82
- COST SAVINGS VS. BUDGET - \$1.3MM

PAW-2

PROCESS IMPROVEMENT/DOCUMENTATION

- **PROCESS DOCUMENTATION**

- 130 OUT OF 131 PROCESSES ARE COMPLETE
- 1 WRITTEN AND READY IN DECEMBER

- **PROCESS IMPROVEMENT**

- LABORATORY/PLANT DEVELOPMENT WORK ON ESSENTIALLY ALL NEWPORT CODES AND MAJOR NEWARK CODES: "KROLORS", CONTINUOUS YELLOWS, "DALAPAR", SELECTED WATCHUNGS
- PLANT PROCESS AUDITS UNDERWAY AT NEWARK TO IDENTIFY REMAINING PROCESS PROBLEMS AND DEVELOP PROGRAMS TO CORRECT.

PAM-3

● QUALITY

- IMPROVED VS. 79-80 AVERAGE

	<u>% REPRODUCIBILITY</u>	
	<u>'79-'80</u>	<u>'82</u>
CONTINUOUS YELLOW	79	95
"KROLOR"	72	90
WATCHUNG	56	80
"DALAMAR"	55	80
QA	73	86
CPC	72	82

- PROBLEMS

- MOLYBDATE ORANGES

- BON/WATCHUNG/NAPHTHANILS

PAW-4

NEW PRODUCTS

- **LOW RHEOLOGY QA RED Y - RT-859-D**
 - SUCCESSFUL PLANT PROCESS
 - PRODUCED 16M LBS.
 - COMMERCIAL AT PPG
 - 1986 F/C 240M LBS.

- **LOW RHEOLOGY 2,9-DICHLORO QA MAGENTA - XRT-343-D**
 - DEVELOPED LOW INVESTMENT AQUEOUS MILLING PROCESS
 - SUCCESSFULLY PLANT TESTED TO PRODUCE ~750 LBS.
 - FIRST PHASE OF ADDITIONAL ~1800 LB PLANT TEST SUCCESSFUL
 - FACILITIES FOR INTERIM MANUFACTURE ON LINE BY 3/83
 - 1986 F/C 200M LBS.

PAW-5

- **2,9-DIMETHYL QA MAGENTA - XRT-353-D**

- COUNTERPART FOR HOECHST PINK E
- DEVELOPED AQUEOUS MILLING PROCESS
- SUCCESSFULLY SCALED TO SEMI WORKS
- CUSTOMER EVALUATIONS IN PROGRESS
- PLANT TEST BEING SCHEDULED
- DISPERSION FOR TRADE SALES DEVELOPED
- 1986 F/C 60 M LBS.

- **QA VIOLET FOR EUROPE**

- COUNTERPART FOR HOECHST, BAYER VIOLETS
- TWO LABORATORY PRODUCTS DEVELOPED
AQUEOUS MILLING, BORAX DISPERSION MILLING
- PRODUCTS/PROCESSES UNDER REVIEW TO SELECT
BEST OPTION FOR CUSTOMER SAMPLING
- 1986 F/C 100M LBS.

PAW-6

1983 PROGRAMS

- PROCESS IMPROVEMENT
- QA PRODUCT DEVELOPMENT
- SELECTIVE PRODUCT DEVELOPMENT IN INORGANICS/AZOS
TO RESPOND TO NEAR TERM BUSINESS OPPORTUNITIES.

PAW-7