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KREBS PIGMENTS DEPARTMENT
256 VANDERPOOL STREET
NEWARK, NEW JERSEY

NEWARK PLANT
PIGMENT COLOR RESEARCH REPORT

Final Report

GE-443-D. PLANT PRODUCTION OF ECONOMY PROCESS.

DECEMBER 1945 to MARCH, 1946.

Period Covered:

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FINAL REPORT

GE-443-D. PLANT PRODUCTION ON ECONOMY PROCESS.

DECEMBER 1945 to MARCH, 1946.

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Oct 31, 1946

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Oct 31, 1946

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INTRODUCTION:

This report covers the batches of GE-443-D made between December 1945 and March 1946. A plant standard had already been set up on a new formula of increased batch size, K-2250, and the batches here reported were all made on that formula. Earlier development study has been reported in KN-45-101.

SUMMARY AND CONCLUSIONS:

Eight plant batches were made, three of which were OK Straight, the remainder were readily consumed in mixes.

Development Section supervision was quite cursory, being limited to checking batch cards and prescribing small changes in acid weight for control of pH.

Performance was deemed satisfactory, and the plant assumed supervision in March, 1946.

EXPERIMENTAL DETAILS:

Details of the batches and mixes are contained in DSN-46-43.

GLOSSARY

GE-443-D: Extended Green PTMA Toner - Chrome Yellow Pigment.
The calculated composition follows:

PTMA toner of Brilliant Green B and Thioflavine TCN, Conc.	7.1%
Chrome Yellow (Y-493-D)	21.8%
Barytes	59.4%
Alumina Hydrate	8.9%
Tetra sodium pyro phosphate	0.6%
Moisture	2.2%

Brilliant Green B: C.I.#662

Thioflavine TCN, Conc: Schultz #934; C.I. #815

PTMA: Phospho tungstic molybdic acid complex.