

CC: Messrs. J. E. Booge, Wilmington
A. Siegel, Newark
A. J. Stratton, "
F. F. Ehrich, "
E. F. Klenke, Newport

NEWARK, NEW JERSEY
APRIL 10, 1950

CONFIDENTIAL

DR. D. B. KILLIAN
NEWARK

PIGMENTS DEPARTMENT FINISHING OF
"PONSOL" BRILLIANT VIOLET 4RN

Ref: Your Letter to D.H.Dawson - April 4, 1950

We have given consideration to your statement that the semi-works HF unit at Newark might be used on an interim basis to produce our requirements of subject product until such time as the necessary equipment is installed at Newport.

In the following calculations we have assumed that the unit will be used exclusively for this purpose in order to attain the capacities indicated. We feel quite confident that the loading of 4 lbs. toner per charge is realistic. Likewise, we feel certain that the 3-1/2 hour milling time is within reason, whereas we have no factual basis as yet to bolster our belief that the 1-1/2 hour cycle is attainable.

	<u>Proposal 1</u>	<u>Proposal 2</u>	<u>Proposal 3</u>	<u>Proposal 4</u>
Milling timer per charge	3-1/2 hrs.	3-1/2 hrs.	1-1/2 hrs.	1-1/2 hrs.
Production basis (per wk)	5 days	7 days	5 days	7 days
Charges per week	20	28	40	56
Production per week	80 lbs.	112 lbs.	160 lbs.	224 lbs.
Production per year	4000 lbs.	5600 lbs.	8000 lbs.	11200 lbs.

On the basis of the #2 Sales Forecast, we shall require 8100 lbs. of Violet per year for BP-273-D and BP-176-D. We may, therefore, conclude that the prospects of manufacturing half this amount in the Semi-Works (Proposal 1) are quite good, whereas the likelihood of producing the full amount (Proposal 3) is unpredictable.

JHC:RMK
jc

J. H. COOPER
CHEMICAL DIVISION