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CONFIDENTIAL

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POCONO BLUE BP-243-D

In accordance with your request, we are summarizing briefly the present status of our work to develop a satisfactory substitute for BP-243-D which will not depend on "Monastrol" Fast Blue RL (formerly Blue 2R) for its manufacture. This work is restricted to the use of Newport Blue LB and Orchem's acid pasted Lithosol Violet 4RNL, both of which are standard raw materials in use at Newark.

Some months ago we were requested by Sales to set as our objective a product which would have a 5% strength advantage and be slightly red versus standard BP-243-D. The following costs calculated by Mr. Wright should be construed as order of magnitude only and are subject to confirmation on the basis of further plant experience.

	<u>Ingred. Cost</u>	<u>O.P.</u>	<u>Total Mill</u>
Experimental (5% str. & red vs. standard BP-243-D)	482.78	503.50	521.45
Standard BP-243-D	375.73	390.49	408.44

The above costs were calculated on the assumption that a satisfactory product would be made by paste mixing in the Abbe Lenart BP-73-P (the pulp of BP-173-D) with BP-299-P (the pulp of BP-273-D) in a 1 to 3 ratio on a solids basis, following which the material would be pan dried. We are currently waiting for the manufacture of satisfactory BP-73-P in the plant, so that we may prepare several pounds of this experimental product and submit to Sales Service for evaluation against standard BP-243-D.

We realize that these costs do not present the experimental product in a favorable light against our present standard process. It should be borne in mind that in selecting the 1 to 3 ratio of violet to blue, we have been conservative; and it is quite possible that in actual practice with redder BP-299-P being available, this ratio would be lower and the cost more nearly in line with that of

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present standard. In the event that solvent milled Violet 4RN should enter the picture, we could take advantage of the additional strength provided thereby and obtain a still more favorable cost.

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jc

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