

PHILIP MORRIS U. S. A.

INTER - OFFICE CORRESPONDENCE

Richmond, Virginia

To: .R. G. Snow

Date: January 19, 1987

From: .R. M. Rogers

Subject: RECONSTITUTED TOBACCO DEVELOPMENT - WEEK OF JANUARY 12, 1987

RL

SEL pasteurization, at best, will reduce RL microbe level from 1-5 million/gm to approximately 100,000 (projected for TC flavor, similar for RLB). This would reduce RL's microbe contribution in the European blend from the 50%+ level to approximately 4%. Further reductions could be accomplished by pasteurizing both sheet components, the stock system and SEL. Steam sparger technology could be used to treat both components with multi-tank reactors incorporated to maintain system performance and lower capital costs (versus plug flow system). Initial trials, for subjective evaluations, and system operational development, can be completed with pilot stock or SEL. System performance evaluations must be confirmed with Park 500 process streams.

Plan to evaluate Houghton's Yankee release agent 931 on the pilot machine. This product, approved for pilot evaluations, will be tested without its paired readhesive agent, since this additional agent is chemically unacceptable. Both products, when used in concert, successfully released the sheet without significant dryer performance loss.

Produced control sheets for Project Blue by-product utilization evaluation. Test sheets produced last week.

Modified 150B

Processed high pH Modified 150B size (no citrate) through the denitrification centrifuge in an attempt to remove the calcium and magnesium phosphate precipitates. A significant quantity (5-10%) of material was removed from the size. Sheet was produced from the original and centrifuged sizes for comparison.

Miscellaneous

Produced and shipped 50 lbs of baseweb (normal blend, 6% HWS) for Project ART.

*R. M. Rogers/jra*

/jsa

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