

March 11, 1977

CONFIDENTIAL

Mr. V. B. Lougee, III, Vice President - Research and Development

R. S. Sprinkle, III, Deputy Research and Development Director

Weekly Report - Product Development and Product Improvement

GENERAL

Production schedules for next week include 11 million PALL MALL Extra Mild, 10 million TALL Filter 120's, 2 million TALL Menthol 120's, 2 million LONG JOHNS Menthol 120's, 5 million AMERICAN LIGHTS Filter 120's, 50 million TAREYTON LIGHTS, 8 million ICEBERG 100's, 35 million CARLTON Menthol, 6 million TWIST Lemon Menthol 100's, 10 million LUCKY 100's, and 5 million LUCKY TEN Cigarettes.

PRODUCT DEVELOPMENT

1. Project RCL. Approximately 2,000 pounds of experimental reconstituted tobacco containing 5% cellulose fiber substituted for tobacco stems was processed at PDL on Monday. This material is undergoing laboratory analysis to determine improvements in tensile strength and filling power. Cigarettes are being prepared to study potential improvements in cigarette quality and for taste evaluations versus control RCTM.
2. Project TC. In accordance with our telephone conversation on March 2, we have initiated development work under project code LTST to modify SILVA THINS Filter and Menthol Cigarettes. Our objective is to reduce "tar" delivery to 12 mg while maintaining as close as possible the current taste characteristics of each product. To aid in achieving maximum per puff smoke delivery, model cigarettes are being fabricated with increased filter and tipping lengths.
3. Filter Cigarette Development. The Department of Manufacture has scheduled production of Project CFH filter cigarettes for the last week of March. Tipping paper will be available late next week with all wrapping materials scheduled for delivery to Durham Branch no later than March 28.

Two Model TLTL cigarettes were prepared during the week for laboratory evaluations. One model was fabricated with a leaf blend modification designed to yield a smoke delivery identical to that of TAREYTON LIGHTS King-Size Cigarettes. The second model was constructed to deliver a higher "tar" per cigarette but at a per puff value comparable to the king-size cigarette. Both models were prepared with standard TAREYTON LIGHTS composite filter tips and are 100 mm in length and 24.75 mm in circumference.