

**PROJECT NAME:** BURLEY HEAT TREATMENT

**PROJECT LEADER:** Ron Parks

**OBJECTIVE:** Develop process technology to allow the implementation of heat treated tobaccos resulting in smoother, milder, more flavorful products.

**BENEFITS:**

- Smoother, milder products
- More flavorful products

**STATUS:**

- 4/30/95 Received Toxicological approval for the implementation of burley heat treatment process.
- 12/31/95 Environmental permit has been obtained from Forsyth County.
- 5/14/96 Completed two, five-part pilot plant qualification tests to determine the required conditions to achieve HT reactions.
- 6/21/96 Determined preliminary heat treatment process specifications based on Pilot Plant testing.
- 8/22/96 Conducted process capability runs at Tville on Line 1 and Line 2 burley dryers to establish final specifications.

**NEXT STEPS/TIMING:**

- 9/15/96 Determine cost and timing of implementing multiblade actuated dampers on the exhaust ducts on both burley dryers to achieve the 8,000 pph permitted flow rate.
- 9/15/96 Consult Proctor & Schwartz to determine cost and timing for adding coils to Tville dryers to increase production capability.
- 9/15/96 Conduct a test run using the most likely CAMEL LIGHT burley HT recipe to confirm the process capability and establish final specifications.
- 11/01/96 Environmental stack testing will be required at Tville as a follow-up to the recently issued HT environmental permit.
- 12/1/96 Implementation in Manufacturing at Tville on December 1, 1996 for CAMEL LIGHT production.