

Dr. T.A. Smith

Dr. V.C. Runeckles

March 17, 1969.

Bell/Laing Memorandum.

0335-06

We were in process of compiling a rebuttal to Messrs. Bell, Jones and Laing concerning their Interlock Report Number 3, when we received the letter from Dr. Gross and the comments from R. & D.E. on the same subject. These cover well nearly all the points we were going to raise, hence little need be added by us at this time.

While we recognize that meaningful heating rates can only really be obtained by direct measurements, we have recalculated our own figures based only on the distance moved by the 700°C contour, the heating rates being shown below.

<u>Packing Density</u>	<u>Rate of Heating</u> <u>(deg. C./sec.)</u>
1.0	167
1.3	194
1.4	127
1.5	153

These results seem to be more meaningful than both our earlier reported average rates of heating and those from direct measurements by R. & D.E., in view of the surprising figure in the latter for the packing density of 1.3. The figures indicate that there is no relationship between rate of heating and packing density for the cigarettes with the axial channel.

TAS/sf

cc: Dr. V.C. Runeckles (2) ✓
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