

D. S. F. HOBSON, ESQ.,
DEPUTY CHAIRMAN,
MILLBANK.

S. J. GREEN

SJG/VC/46C

19th August, 1964

Dear Mr. Hobson,

In issuing L.132-R I should, of course, have drawn attention to work done elsewhere on carbonate addition, and I am sorry to have overlooked this. A suitable covering letter is being drafted with Mr. Anderson and further distribution is frozen for the present.

At present it is known that potassium carbonate sprayed on to tobacco reduces tar delivery and if it is injected the tar delivery is increased. These results are probably due to the different contribution of inside and outside tobacco rod and are consistent with what we know already, although their detailed interpretation will require further insight. The ratio of nicotine to tar is increased by potassium carbonate addition in both cases, due probably to tobacco rod filtration. Thus, the observations to date seriously detract from the value of injection as a technique giving results on additives which might be immediately applicable commercially. But together they do indicate the possibility of a much greater degree of control over smoke chemistry than previously appeared likely, and the whole question is being investigated here further.

Yours sincerely,



C.c. H.D. Anderson, Esq.

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