



RESEARCH AND DEVELOPMENT ESTABLISHMENT

TO DR. S.J. GREEN,
RESEARCH & DEVELOPMENT,
MILLBANK.

FROM DR. I.W. HUGHES.

REF IWH/JP/46C.

DATE 11th January, 1967.

Enclosed are four copies of Report No. RD.527-R, which covers the evaluation of several methods which might be employed for assessing the chemistry of the smoke being inhaled by the smoker. We believe that a way of doing this is through a combination of duplicating the smoker's profile (using a machine based on the Louisville principle) and also actually trying to sample the smoke on its way to the smoker. It is intended to look more fully into this possibility and then to incorporate it with methods for looking at the exhaled smoke in order to determine the retention and the influences of inhaling patterns.

I.W. Hughes

Dr. F.H. CDE

Encs. 4.

*Re: Report RD527-R - 21 - 1967
to have a method of sampling smoke inhaled by the smoker - then to sample the exhaled smoke and with the techniques get a detailed indication of the chemistry of the smoke absorbed.*

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