



Group
Research
and Development
Centre

S. J. G.
19 SEP 1974
ACK _____
FILE _____

TO Dr. S.J. Green,
R. & D. Department,
Millbank.

FROM C.I. Ayres

REF CIA/PSD/46C

DATE 16th September, 1974

REPORT NO. RD.1140-R

This report covers a further examination of what happens to nicotine when a cigarette is smoked under a variety of puffing regimes. We needed the information on two counts:

- (a) From our survey of human smokers, we found a very wide range of puffing parameters. Since we assume that for many smokers the nicotine content of the smoke is important, we wanted to strengthen our information on machine-smoked cigarettes to help us with interpretations.
- (b) It is claimed that nitrosonornicotine can be formed from nicotine. Therefore, we wanted to know whether the degradation of nicotine was particularly sensitive to the puffing parameters used to smoke the cigarette.

Whilst the report will be of interest to the research laboratories, I would not foresee a wide circulation in Millbank.

C.I. Ayres

C.I. AYRES

*Circulate
Summit V/P
TDB R/F*

110079605