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TO Dr. L. C. F. Blackman FROM D. G. Felton
 Director
 Millbank

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ITL PROGRESS REPORT OCTOBER 1980 - DECEMBER 1981

T - 7708 Ames Testing

Having read the detailed report on pp 13-14 of the above, I think there is little to add by way of comment. Table I gives the detailed breakdown of the samples in terms of "casing", cocoa and cocoa-butter - the casing being a sugar - fruit syrup - humectant mix, similar to that used on a well-known brand of plain K.S. U.S. cigarette (but minus the cocoa/cocoa butter constituents).

If we can accept that Ames mutagenicity testing is a guide to the outcome of a long-term mouse-skin tumorigenicity experiment, then one would be led to predict that condensate from cigarettes with added cocoa, whatever the added cocoa butter fat content, would not show a significant increase in tumorigenicity. It should therefore be acceptable evidence for the Independent Scientific Committee.

This report by Bilimoria makes it more likely that Philip Morris may seek permission to use cocoa on U.S.-style cigarettes in the U.K.

T - 7710 Effect of Smoke on Drug Metabolising Enzymes

This progress report is a greatly shortened version of the progress report by Bilimoria and Ecobichon submitted last autumn to the C.T.M.C. Bob Wade sent me a copy of the latter, together with their proposal for continued support, sometime in late 1981.

I gave him my comments on this and on other projects in January and I attach a photocopy of what I said about this work.

D. G. FELTON

Enclosure

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