

LCFB/VC/1



To: DR. C. I. AYRES
MR. N. E. WILLIS
DR. S. R. EVELYN
MR. D. J. WOOD
MR. D. E. CONWAY

M.P.D.C. Meeting on 21st February, 1979

ACTION

You will already have copies of the Minutes of the meeting. The following further points were made at the meeting but do not appear in the Minutes.

TOTAL PRODUCT DESIGN .

I briefly explained the view of the Research Conference that we should attempt to extend the concept to the development of better products. The Committee noted that the Cigarette Design Handbook needs up-dating and that GR&DC were currently working on it. The P.D.G. were said to need the revised Handbook as soon as possible.

CO/FERMENTATION

I indicated that it did not look as though fermentation was a practical route to lower CO deliveries - but I agreed to have prepared a short statement on the present state of the art.

DJW

EXPANDED TOBACCO

The potential importance was stressed and it was agreed that there should be a major R. & D. programme that was fully integrated with the Leaf Dept. and P.D.G. In due course, I am to inform the P.D.G. who is the project leader.

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1-PIECE PACK

There was a brief discussion of the possibility of modifying the Molins machine to use a combination of PVC and hot melt. Fred Haslam was asked to pursue the possibility of a project in GR&DC.

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ACTION

It was noted that the B.A.T (U.K. & E.) trial awaits the availability of gold board and will not take place much before the end of the year. It was stressed, however, that we should not await this trial before attempting to generate interest, and N.E.W. was actioned to issue a report straight away.

ACROLEIN

Minute No.6 summarises the discussion but does not make clear that despite the complications of difference irritants, acrolein still remained the important issue. GR&DC were asked to set up a programme to answer such questions as: Can we measure acrolein reliably? Can we rank both leaf and product in terms of acrolein?

DEC
CIA

SIDESTREAM

The reference in the second paragraph of Item 6 to the 'need for a clear appreciation of current knowledge of combustion and pyrolysis in cigarettes...' (actioned S.J.G.) really came out of a discussion on sidestream. I had outlined the difficulties of definition and measurement, and also the complications with the ambient situation.

Part of the discussion was on the contribution of paper to sidestream emission (e.g., influence of citrate and phosphate). In particular, the M.P.D.C. wished to know what proportion of deliveries in low delivery cigarettes arise from the paper. There was also interest in knowing more about the influence of expanded tobacco on sidestream emission.

So far as the actual Minutes, the following actions are to be noted:

1. R. & D. are to develop a programme on expanded tobaccos.
2. R. & D. to perfect the determination of ambient nitrosamines.
3. Information needed on further expenditure for sample manufacture
4. Programme to be established on irritation.

WJB

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