

SECRET

Dr. N. Davis
Hillbank

Dr. Taj Hirji

TR/201

9 November 1978

Subject: 10147

Review of the last series of samples was conducted at 100 on 9 November 1978.

Present: Dr. John King)
Dr. Paul Stanton) Germany
Dr. Herbert Sommer)
Dr. Mike Evans) Berlin
Dr. David Brighten)
Dr. Stephen Harlow) 100
Dr. Taj Hirji)

Both parties agreed that there were no physical or chemical differences between the samples. However, there was an off-taste in the products incorporating Corby Diet and reduction of this will form the main objective of the next series of experiments. The plan is still to use Corby Diet in German products during the second quarter of 1979.

The following points were discussed and agreed:

1. The Germans are not concerned about nicotine losses since this can be redressed through blend modifications.
2. The off-taste this time round is much less than perceived in the original samples but it is still unacceptable, viz:
 - 20% r.c. at cutting - extreme off-taste, mouth coating and after taste.
 - 21% r.c. at cutting - strong off-taste, mouth coating and distorts taste of HB but not as badly as 20% sample.
 - 20% r.c. at cutting - brighter taste, suppresses tobacco aroma, better than 21% but still some distortion.
2. It was confirmed that casing, which is used to reduce irritation, round-off smoke and reduce off-taste, was applied correctly in all samples and hence could not be the reason for the off-taste perceived.

401227669

4. Past experience suggests that off-taste is sensitive to the temperature of tobacco exiting the sublimator - higher the temperature, lower the off-taste. Corby temperatures tend to be in the range 80 - 90°C compared with 110°C at Berlin. This hypothesis fits in with the observed trends in off-taste.

Based on the points above, it is agreed that:

5. During the week of 14 November, small batches of MILD will be produced in Corby (Mike Evans) with at least 3 exit sublimator temperatures by varying:

- sublimator temperature (limited flexibility available)
- increase residence time by reducing gas flow
- change solids to gas ratio by reducing throughput
- increase steam

Samples will be sent to Hamburg (Herbert Sommer) and R&D (David Creighton) for T&F evaluation to check if off-taste is reduced.

Normal nicotine, sugars, fill-value measurements will be made on these samples (Mike Evans and Steve Hensley).

6. Hamburg (Herbert Sommer) to inform R&D (David Creighton/Steve Hensley) of their views on off-taste during the week of 21 November.
7. Steve Hensley and Mike Evans to work up a protocol based on 5 and 6 above for 3 x 2 tonne operations to be run during the week of 28 November or 5 December.
8. One case of each to be shipped to Hamburg and the rest to their factory as before (Mike Evans).
9. Hamburg will produce cigarette samples and evaluate early January. Some samples of cigarettes will also be sent to R&D (Steve Hensley) for chemical, physical and sensory evaluation.
10. The team will review results towards the end of January.
11. To speed up progress on other brands, 10kg samples and recipes of BARCLAY core blends used by Finland, Belgium and Switzerland will also be sent by Corby (Mike Evans) to Hamburg (Herbert Sommer).

Detailed notes of the meeting will be produced by David Creighton.


TAJ HIRJI

Copies:

All participants

c.c. n.o.o. Dr. R. Sinns

401227670