

Tobacco

I:

STATUS Mt.

3/9/94

PARTICIPANTS

w/ Dr. Kessler

- Gary Light - OCI (Policy)
- Tom Doyle - OCI
- Bob Spiller - GC
- Kessler -
- Liz B. - Ex. Sec.
- JIM Hunter - OSI
- yes Catherine Mc Kinnon
- Ronnie Shapiro
- Lisa Bernstein (I-lisa)
- Jim O'Hara
- Mitch Zeller - Policy
- Margaret Foster
- Jerry Mande
- CATHERINE MAS KINNON

Gary Light

Spraying process - protective?

Tues. 3/15 - Mt. w/ spray line worker informant

Durham, N.C. - Dozen people - testified 1988 -

① Mr. Mold - Info. old - chemist (Liggitt-Meyers)

Trying to take out carcinogens

Poor memory.

Testified - Premier case hearing

proposed high nicotine w/ carcinogen blocker

Nicotine in a "healthy" cigarette.

Wasn't familiar w/ reconstituted tob. process

Background

② Retired CEO (Liggitt-Meyers) - ?

Reconstituted - Contains less than natural leaf (Nicotine)

Claims nicotine NOT addictive.

Walked us thru mfg. process

Buy "outside" nicotine - (Hesitant)

Crush leaves (Blend / reconstituted -

3 basic blends - 200 brands

Low tar → Beat F.T.C. ^{smoking} machines. (Puffs per minute)

(Buy from flavoring houses? - (No confirmation))

Faster-burning paper (Provided subject)

Less puff by machine

Machine reads as low tar; low nicotine

Tobacco

STATUS (Kessler)

2-

(OCI)

Marlboro - Longer - why?

3/9/94

③ Production fellow/export

Richmond NBC

(17 yrs. on the line
(Philip Morris))

Extraction - Removes much nicotine

Re-added in reconstituting process

One section - Extract nicotine, other compounds
(Stems, etc.) - Leaf scraps

Make nicotine extract.

Stems - Pulp - Make sheets of paper

Spray nicotine on it -

Spray onto sheets of paper

Spray on filters? - Mold said no

(Patents show it can be done -

→ Spray onto filters.)

① Spraying it on low nicotine leaves?

(a) On paper around cigarette

(b) On filter?

Production
Information

Controlling level of nicotine sprayed on.

Spraying nicotine

What levels? - Key question

Who & how determined?

Put in ONLY what taken out?

Key ① Where is the staff spraying from? (Liz)

Typed questions

② What concentrations being sprayed?

③ What is being sprayed upon

(filters, paper, glue

or non reconstituted tobacco

④ Percent, by weight, of nicotine in
the sprayed cigarettes?

⑤ How concentration levels set?

Who orders?

How is the level set?

⑥ Absolute amount of nicotine? - mg per cigarette

Kessler

3/9/94

7. How do they make extract?
(Do they buy it - Where?)

(Gary - They use everything but the "junk"?
Throw Nothing away.

8. { Alcohol-containing nicotine
- Extract } Differences?
Nicotine sulfate } Similarities?

9. Do low-tar cigarettes have more nicotine?
(No-specific formula)
nicotine travels w/ tar

Kessler
Questions

10. Cigarettes promoted to younger?

11. Role of other organic salts
(a) Nicotine "levulinate"
(b) Target pH?
Reduce? - Why?

12. Why cigarettes made longer?
(Beat the machine?)

Source (#4)

Retired research chemist (Philip Morris)

1

"Bob"

Philip Morris

2 Confidential Informant
RJR employee

5 Philip Morris behavioral scientist
Animal studies - what makes people want nicotine
Worked in P. Morris in 1980s
4 yrs.

☆

Found something a "little more reinforcing" than nicotine
Gave deposition in case several yrs ago.
Doesn't have copy - Lawyer might.
Will meet again w/ FDA

6. Source - "Monkey studies" (RJR)
Researcher be Elden Nielsen - ARIZONA (UTAH)
1970s Monkeys were addicted to nicotine (Bates)

(4)

Elden Nielson - (has been interviewed 3/9/94
Utah) by reporters

Production - After 7:30 pm. on phone - ~~AT~~ OK (3/15)
+ "Bob" (scared) - Doesn't want attribution - Will talk to FDA

"Red Express" - On the market?
More salt / Will burn faster
Same nicotine
What does 1.5 mg mean?

(*) Make RJR sources? - Cliff Douglas
(Resident Confidential Informant)
Informant? Need to develop
24 hrs. Durham (Raleigh) RJR (H.Q.)

"Bob" - Will talk to Science group
(Wykoff, etc.)
P. Morris - Malik originated
Tues. a.m. Telephone call
10⁰⁰ a.m. ? - "Bob"
2 Stenographers
Fax typed questions

~~KABZ~~
KABZ -
under
injunction

Pot manifests? (Flavour (tastes)
(Spiller)

Charlotte Observer - Process described
is different from patent
"setting levels"