

DATE: 02/07/80
FROM: Tom Borelli
TO: Nelson, Jack
CC: Millman, Amy
Winokur, Matt
SUBJECT: DOT STUDY

TBORELLI DSVPMUSA
JNELSON DSVPMUSA
AMILLMAN VUS0212A
MWINOKUR DSVPMUSA

Jenkins.

The TI sent me part of the DOT results on the airline study. The results are not that bad and it may possible to do a PR spin, what do we have to loose? The bad part is using the worst possible case it is estimated that 12-14 excess cases of LC per 100,000 airliner crew after 20 years of service. The good news... cosmic radiation represents 100 times the risk for the frequent travler than ets. Ventilation is horrible as measured by the high co2 levels 2 times the ASHRAE levels for buildings. No sighthificant difference between co levels (smoking flight vs non smoking flight). Also no mention of relitive humidity and no migration of ets from smoking to the non smoking section. Essentially the study proves our point ventilation is bad and seperation works. As far as the excess risk to the crew they used voodoo statistics with a number that is essentially zero, remember this is a risk estimate.

FOR EXAMPLE, 14/100000 is the same as 12/85000 (the number of flight attendents) = .01% lifetime risk for lung cancer. According to a recent report nonsmokers in New Mexcio have a 1% risk for lung cancer. And bye the way how many attendents work for 20 years in the smoking section?

I will call the TI to find out there strategy but I think we should come out fighting.

EPA/AMS - push for release & ban
DOT - delay/low key response
2 week delay
look to DOT on critiques
Send to OSHA
look to press, and buy aviation reporter's to release questions of officials
(originally DOT was going to rec. but leaked when they had study in)