

Air Products

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Subject OSHA Testimony

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From J. T. Barr

Plastics R&D

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Distribution:

R. Fleming
~~R. H. Schenck~~
L. B. Tepper, M.D.

cc: G. Baise - Beveridge, Fairbanks, & Diamond

I have prepared a brief summary of the major issues in the testimony to OSHA of the AIHC consultants whose draft documents we have reviewed. These drafts are available in my office.


J. T. Barr

C

JTB/sjl

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AP00049579

VOLUME I NO. 1

NAME AND DEGREE(S) Richard Wilson - PhD

PRESENT AFFILIATION Harvard

MAJOR AREA OF INTEREST Nuclear Physics

MAJOR TESTIMONY POINTS Risk/Benefit
Examples of acceptable risk

VOLUME I NO. 2

NAME AND DEGREE(S) George Claus - SD, PhD, MD

PRESENT AFFILIATION Rutgers and others

MAJOR AREA OF INTEREST Microbiology

MAJOR TESTIMONY POINTS Life Cycle of tumors, benign vs. malignant
Appropriate routes of Administration
Thresholds
Single species test
Value of negative Research

VOLUME I NO. 3

NAME AND DEGREE(S) Ronald W. Hart - PhD

PRESENT AFFILIATION Ohio State

MAJOR AREA OF INTEREST Physiology and Biophysics

MAJOR TESTIMONY POINTS Extrapolation of animals to man
Thresholds
Use of future scientific developments
DNA damage and repair

AP00049580

VOLUME I NO. 4

NAME AND DEGREE(S) Johannes Clemmesen - MD, DM

PRESENT AFFILIATION Finsen Institute - Copenhagen

MAJOR AREA OF INTEREST Epidemiology

MAJOR TESTIMONY POINTS Danish Cancer Registry
Effect of lifestyle on cancer rate
Environmental vs. industrial cancer
Value of negative human epidemiology (phenobarbital)
Difficulties with animal data

VOLUME I NO. 5

NAME AND DEGREE(S) L. J. Goldwater - MD, DMS, MS Public Health

PRESENT AFFILIATION Duke, UNC

MAJOR AREA OF INTEREST Occupational and Environmental Medicine

MAJOR TESTIMONY POINTS Threshold

VOLUME I NO. 6

NAME AND DEGREE(S) A. E. M. McLean - MD, PhD

PRESENT AFFILIATION University of London

MAJOR AREA OF INTEREST Toxicology, Pharmacokinetics

MAJOR TESTIMONY POINTS Potency
Extrapolation of animals to man
Risk/Benefit evaluation
Phenobarbital experience
Exemption of laboratories

AP00049581

VOLUME I NO. 7

NAME AND DEGREE(S) Paul Grasso - MD, Dip. Chem. Path., MRC Path.

PRESENT AFFILIATION BIBRA

MAJOR AREA OF INTEREST

MAJOR TESTIMONY POINTS Difficulties of extrapolating mouse data to man

VOLUME I NO. 8

NAME AND DEGREE(S) R. F. Crampton - MD, PhD

PRESENT AFFILIATION Bibra

MAJOR AREA OF INTEREST

MAJOR TESTIMONY POINTS Difficulties of extrapolating mouse data to man

VOLUME II NO. 1

NAME AND DEGREE(S) David Brunswick - PhD

PRESENT AFFILIATION Litton Bionetics

MAJOR AREA OF INTEREST Genetics and Microbiology

MAJOR TESTIMONY POINTS DNA damage and mechanism of tumor induction
Applicability of short-term tests
Thresholds

AP00049582

VOLUME II NO. 2

NAME AND DEGREE(S) R. F. Olson - MD, PhD

PRESENT AFFILIATION University of St. Louis

MAJOR AREA OF INTEREST Metabolism, toxicity, mutation

MAJOR TESTIMONY POINTS
No epidemic of cancer
Animal results not suitable
Negative human epidemiology useful
Thresholds
Maximum dosage, dose response
Replication of tests

VOLUME II NO. 3

NAME AND DEGREE(S) Franck Lu - MD

PRESENT AFFILIATION University of Miami (formerly WHO)

MAJOR AREA OF INTEREST Pharmacology and toxicity

MAJOR TESTIMONY POINTS
Value of testing only one species
Value of negative results
Threshold values

VOLUME II NO. 4

NAME AND DEGREE(S) B. L. Oser - PhD

PRESENT AFFILIATION Retired FDA

MAJOR AREA OF INTEREST Physiological chemistry

MAJOR TESTIMONY POINTS
Thresholds (attempts to quantify)
Requirements for adequate animal tests

AP00049583

VOLUME II NO. 5

NAME AND DEGREES H. Van Raalte - MD, DM

PRESENT AFFILIATION Lecturer Amsterdam and elsewhere
Retired from Shell

MAJOR AREA OF INTEREST Occupational medicine and toxicology

MAJOR TESTIMONY POINTS Cancer rats of industrial vs. non-industrial countries
Environmental factor
Freezing of science
Extrapolation of animals to man
Causes of cancer

AP00049584