PLAINTIFF'S EXHIBIT
UC-906

From the Desk of—
W. B. LEIGHTON

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FEB 17 1977
SAFETY AFFAIRS DEPT.

2/17/77

Larry Weathersby
Linde Safety Affairs Dept.
100 Clearbrook

HW - NEW FILE - ASBESTOS

A 10468

To: Larry Weathersby
From: Bill Leighton
Date: February 17, 1977
Subject: ASSE WESTCHESTER SECTION - JANUARY 1977 MEETING

Sorry I didn't get this material to you sooner.

Mr. Dahiru Mahfa was the guest speaker on the subject of asbestos hazards. Emphasis was placed on the hazard of breathing and the need for meticulous care in use of respiratory equipment and avoiding fiber emission in the first place. Use of water soluble bags for shipping asbestos fibers was mentioned as one good way of avoiding release of fibers to the atmosphere at the point of use, since most manufacturing operations require preparation of a water slurry and once the fibers are wet the emission problem is solved.

AI 0469

According to Mahfa who spent some time at Asbestos, Quebec, no problems have been encountered at that location, probably related to the fact that the asbestos as mined

does not create much fiber dispersal in the air. The dispersal occurs at time of crushing and preparation for manufacturing use at locations away from Asbestos, Quebec.

There appears to be a great deal that industrial hygienists and the medical profession still do not understand regarding conditions under which asbestos fibers affect some and not others. Smoking may well be a contributing factor.

Once the small fibers get into one's lungs they are not rejected, either by exhalation or by transfer to the blood stream, remaining in the lung tissue and physically damaging it with time, causing serious fibrosis.

The issue of carcinogenicity in addition to fibrosis needs a great deal further study.

A 10470

A.S.S.E.
WESTCHESTER SECTION

JANUARY 1977

The next monthly meeting of the Westchester Section will be held on February 3rd, 1977 at 1:30 PM, at Improved Risk Mutuals, 15 North Broadway, White Plains, New York. We will have our customary informal luncheon prior to the meeting at Olliver's restaurant. Those persons interested in attending the luncheon please contact Don Duffin at: 914-946-3500 or Jim Avery at 914-472-4523. We will meet at Olliver's at 12:00 Noon.

Our ~~November~~ January meeting, by all accounts, was a great success. Originally we scheduled a presentation on automatic sprinkler protection but due to the size of the turnout - 40 people - it was necessary to divide the meeting into two separate presentations; one on automatic sprinkler protection, as originally scheduled, and a second presentation on cooking protection. The presentations were made by Jack Rotherham (cooking protection), Ike Siskind and Don Duffin (automatic sprinkler protection). All three individuals are on the IRM Engineering Staff.

The interest and the enthusiasm noted at the meeting and after the meeting were gratifying to the Section Officers, the Committee Members and the IRM Engineering Staff members that participated.

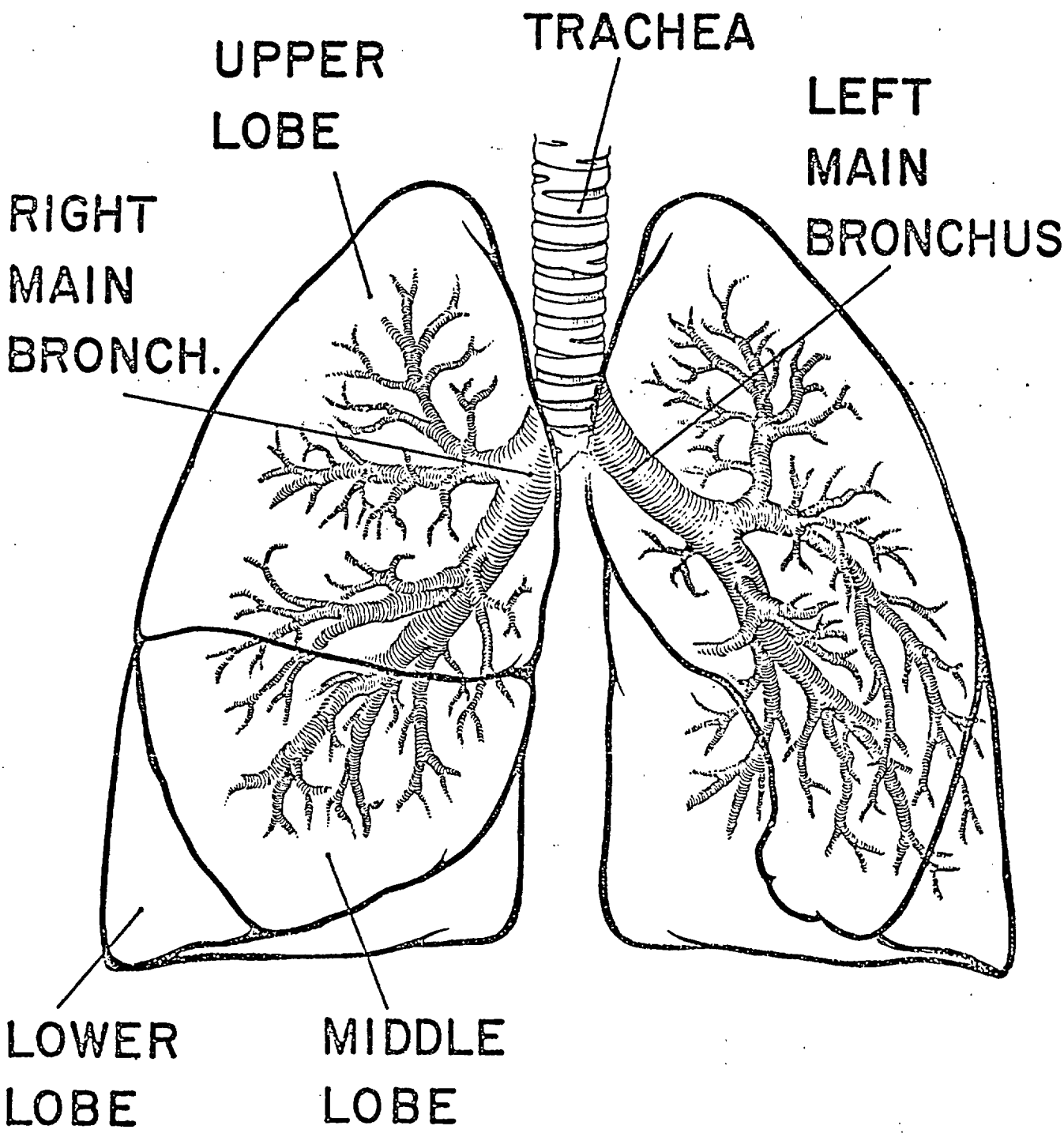
It is the intent of the Activities Committee to provide activities that will be of current, general interest to the people concerned with safety. Our presentation planned for the February 3rd meeting will be on The Hazards of Asbestos. The presentations will be made by Mr. Dahiru Mahta, who is associated with The Fireman's Fund American Insurance Companies. Mr. Mahta is an industrial hygenist by profession and the presentation promises to be very interesting.

Arranged by Dick Kay White Plains The Fireman's Fund

All members that are interested in affiliating with the Westchester Section please provide the information listed on separate questionnaire enclosed and either bring the slip to the February meeting or mail it to Jim Avery, Safety Supervisor, New York Telephone Co., 2 Overhill Road, Scarsdale, NY 10583.; or to Don Duffin, Improved Risk Mutuals, 15 North Broadway, White Plains, NY 10601.

A 10471

LUNGS, TRACHEA AND BRONCHI



A 10472

USES (2,7,8,13,15)

Asbestos-Cement Products:

Groutings
Wallboard Finishing Compounds
Building Boards
Pipes
Drain Pipes
Insulation Boards
Marine Boards
Acoustic Insulation
Fire Proofing of Buildings
Asphalt Paving
Laboratory Bench Tops
Pipe Coverings
Undercoatings of Automobiles
Pump Packings
Electric Battery Cases

Floor Tiles:

Asbestos Asphalt
Vinyl Asbestos Floor Tile

Asbestos Textiles:

Rovings
Rope, Wicks, Braids
Blankets
Curtains
Fireproof Clothing

Friction Material and Gaskets:

Brake linings
Brake discs
Clutch facings
Transmission Bands

Asbestos Paper:

Pipe Covering
Boiler Jackets
Felt Roofing
Electrical Wire & cable insulation
Linings of Stoves & Heaters
Linings of filing cabinets, cartridges, carpets, auto mufflers, drum controllers, cookers, electrical appliances, amored car roofs, motors, etc.
Enameling Ovens to catch drip
Insulation of Ovens and dry kilns
Table pads & mats
Heat-and chemical-resistant reinforced pipe
Tank covers
Reinforced aluminum foil for insulation
Filtering
In Welding
In Annealing
In Chemical and Physics Laboratories
Insulating exhausts on automobiles
Baking sheets
Hot-air ducts or lining of paper ducts for hot-air service
Filter paper, pads, cloth

Paints and Coating Fillers:

Roof Coating:

Roofing, Shingles

Caulks and Sealing Compounds:

In Plastics

To strengthen Metals Exposed to Heat:

Nose cone, etc.

A 10473

Union Carbide trial exhibit UC-906: W. B. Leighton to Larry Weathersby on ASSE Westchester Section Meeting on... Published by AsbestosClaims.Law
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Union Carbide trial exhibit UC-906: W. B. Leighton to Larry Weathersby on ASSE Westchester Section Meeting on...
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TABLE I - CHARACTERISTICS OF MAJOR COMMERCIAL TYPES OF ASBESTOS

NAME	CHRYSOTILE	CROCIDOLITE	AMOSITE	ANTHOPHYLLITE	TREMOLITE	ACTINOLIT
CLASS	Serpentine	Amphibole	Amphibole	Amphibole	Amphibole	Amphibole
ESSENTIAL COMPOSITION	Hydrous silicates of magnesia	Silicates of Na and Fe	Silicates of Fe and Mg	Mg. Silicate with iron	Ca and Mg Silicate	Ca,Mg,Fe, Silicates
COLOR	White	Blue	Brown	White	Yellow	Green
LUSTER	Silky	Silky to dull	Vitreous	Vitreous to Pearly	Silky	Silky
TEXTURE	Soft to harsh	Soft to harsh	Coarse but pliable	Harsh	Generally harsh	Harsh
SPECIFIC GRAVITY	2.4 - 2.6	3.2 - 3.3	3.10 - 3.25	2.85 - 3.10	2.9 - 3.2	3.0 - 3.2
FUSION POINT, °C (°F)	1933 (2770)	1203 (2180)	1410 (2550)	1480 (2675)	1326 (2400)	1404 (254
RESISTANCE TO ACIDS AND ALKALIES	Poor	Good	Good	Very Good	Good	Fair
RESISTANCE TO DESTRUCTION BY HEAT	Good, brittle at high temps.	Poor, Fuses	Good, brittle at high temps.	Very Good	Fair to Good	-

Perhaps acid in stomach or gastro-intestinal tract destroys if injested

Asbestos, Quebec, Canada

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