FILE NAME: WR Grace (WRG)

DATE: July 21, 1970

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ASBESTOS: ENVIRONMENTAL HAZARD

Presiding

CLARENCE S. SHERMAN, Director

Information and Technical Services Center for Air Pollution Control,
New York State Technical Services Program, The Cooper Union

A presentation and discussion of medical and general health effects, and considerations in mining, manufacture and utilization of asbestos-containing materials.

9:30 A.M. — Registration and Coffee

10:00 A.M. — IRVING SELIKOFF, M.D.
Director
Environmental Sciences Laboratory
Mount Sinai School of Medicine

10:40 A.M. — DOUGLAS H. K. LEE, M.D.
Associate Director
National Institute of Environmental Health Sciences
U. S. Public Health Service

12:30 P.M. — Lunch Recess

1:45 P.M. — ALBERT HUTCHINSON
General President
International Association of Heat and Frost Insulators and Asbestos Workers

2:30 P.M. — FRED L. PUNDSACK, Ph.D.
Vice President
Research and Development
Johns-Manville Corporation

Noon recess.
Luncheon will not be served as part of the workshop program.
Locations of nearby restaurants will be announced.

BOARD OF EXAMINERS
ASBESTOS HAZARDS - SPECIAL MEETING
JULY 21, 1970

ATTENDANCE

NAME	REPRESENTING
Randolph Finn	National Gypsum Company
K, S. Oleson	National Gypsum Company
Marvin Smith	Gypsum Association
Lawrence Emery	United States Gypsum Company
Dennis Yosick	United States Gypsum Company
Bob Walker	United States Gypsum Company
Sam Kirkes	Bay Area Rapid Transit District
James L. Whittaker	James L. Whittaker
Leonard M. Michaels	United States Mineral Products Company
Harry S. Gropp	United States Mineral Products Company
Robert D. Dalton, Jr.	Abbot A. Hanks, Testing Labs.
Rudy Meiswinkel	Fred Meiswinkel, Inc.
John S. Sheahan	Kaiser Gypsum Company
Robert F. Chaney	Zonolite - W. R. Grace Company
Thomas F. Egan	Zonolite - W. R. Grace Company
Milson Beveridge	W. R. Grace Company
William E. Fitch	Owens Corning Fiberglas Corp.
Thomas C. Campbell	Owens Corning Fiberglas Corp.
Richard Persoff	Hartford Insurance Group
Douglas P. Fowler	University of California
W. Clark Cooper, M.D.	University of California
John Fisher, A.I.A.	Skidmore-Owings and Merrill
Dr. Selma Dritz	Department of Public Health San Francisco

(PAGE 1280) Mr. Robert Chaney, California Zonolite Company, appeared for Mr. Pickthall (who could not appear due to a personal emergency). He stated that the company is committed to complete elimination of asbestos from its product "Monokote". Thus the Board's consideration should be considered only as an interim measure pending elimination of asbestos from fireproofing. He said that in San Francisco conditions are far better controlled than in New York. Tabershaw-Cooper was engaged to gather needed data.

SIDE 2
(TAPE 000) Mr. Chaney summarized by citing steps his company is taking to achieve safety in application of fireproofing material.

Dr. Dritz cited measurements at Wells Fargo Building during spraying operations (this report is contained in asbestos file furnished Board previously).

Measurements at other sites were noted, and are available from the State Division of Industrial Safety.

Dr. Dritz cited 2.0 million per cubic foot as threshold limit and peak acceptable as 5.0 million per cubic foot.

(TAPE 020) Dr. Cooper pointed out difficulty of distinction between particle counts and asbestos fiber counts. Smallest particles are probably asbestos.

Mr. Fowler submitted July 17, 1970 report of Tabershaw-Cooper Associates, "Preliminary Examination of Air Moving Systems Lined with Cementitious Fireproofing Materials."

(TAPE 060) Mr. Harry S. Gropp, United States Mineral Products Company, stated that measurements are being made at plenums where their products have been used.

Mr. Whittaker, Fireproofing and Acoustical Contractor, stated that this was his first meeting on subject and he objected to stating of any test criteria for control without having been consulted.

Mr. Oliphant pointed out that the Board has made no determination of criteria, only discussion has occurred thus far.

Mr. Goldberg reviewed previous Board considerations of subject to verify that no decisions made.

(TAPE 100) Mr. Oliphant emphasized that this was first time Board was considering the subject with possible expectation that action may occur.

Mr. John Fisher stated that Bechtel has engaged Abbot Hanks to gather data in plenum air.

Mr. Dalton, Abbot Hanks, stated that work has been begun in the gathering of fiber counts, no reports available as yet. He emphasized that he had not been engaged by any fireproofing industry segment but was objectiveiy gathering data at this time.

(TAPE 130) Messrs. Whittaker, Fisher and Goldberg discussed possible numbers of buildings with supply air plenums; conclusion that there were very few such systems.

Mr. Douglas Fowler stated measurements taken at various points in or near plenums are low - no significant differences between the two types of fireproofing material. Oldest system where measurements taken was constructed in 1962. He cited difficulties in correlating measurements where different sampling techniques and different equipment is used. Use of electron microscope in measurement is new.

Mr. Degenkolb pointed out inference that asbestos fibers were only a small portion of total particle count.

Dr. Dritz emphasized that the asbestos fibers were the ones causing this particular hazard.

Mr. Fisher noted problem of aluminum pitting due to use of cementitious products in vicinity.

Mr. Yosick, United States Gypsum Company, cited discontinuance of use of Firecode Plaster in San Francisco on January 1, 1970.

(TAPE 210) Mr. Oliphant closed the meeting at 9:15 PM.

The Board recommended that the Superintendent prepare an outline of preliminary construction regulations to limit the "public nuisance" as well as the effect on construction workers. That preliminary set of regulations are to be forwarded to all persons at the hearing as well as all others on the asbestos mailing list. A hearing will be held on those preliminary regulations in September at a date to be set at the next regular meeting of the Board on August 10, 1970. No discussion of the regulations other than setting of the date of the next hearing will take place at the August 10 meeting and all persons will be immediately notified of the date of the September meeting.

Alfred Goldberg, Secretary
Board of Examiners

Attachment - Attendance List
Tabershaw-Cooper Associates Report