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Fischer  
EXHIBIT # Reinhardt  
DATE 9/5/86  
MASTRICIANI & FORMAROLI, INC.  
CERTIFIED SHORTHAND REPORTERS

June 6, 1972

John C Warner

Also attended by Eng Dept

To: A. L. Lynch, Medical Division  
W. E. Neeld, Jr., M.D., Medical Division  
L. V. Thatcher, Chambers Works Construction

From: W. L. Sprout, M.D., Medical Division

ASBESTOS CONFERENCE - JUNE 2, 1972

In addition to the scheduled presentations as on the attached agenda, Dr. John Zapp, Conference Chairman, summarized the history of governmental concern and administrative steps in the attempt to limit worker exposure. The ACGIH suggested a 5 fibers/ml. standard but organized labor is pressing the Department of Labor to adopt a permanent standard of much less, such as 1 or 2 fibers/ml. NIOSH has written a "criteria document" which contains a recommended standard of 2 fibers/ml. The emergency standard currently in effect expires this week, so the Department of Labor is expected to make an announcement some time this week. Dr. Zapp feels that in an election year there will be considerable yielding by the Department to political pressures.

The NIOSH criteria document also makes recommendations for surveillance of exposed workers (defined in the document as anyone exposed to 1 fiber/ml. or more, regardless of his listed occupation or duties). These include 14" x 17" chest x-ray films, specifically PA and lateral; routine laboratory work; and FEV<sub>1.0</sub> and FVC determinations every 2 years for normals and annually for all workers with demonstrated changes or impairments. Except for the lateral chest x-ray, Chambers Works routine medical surveillance should be in compliance. History and physical examinations are also included in the recommendation, so this must be considered in any future proposals to omit physical examinations in favor of multiphasic screening of asymptomatic employees. These examinations should all be repeated at the termination of employment, and all records retained for at least 20 years.

Both Commander Sam Berboo, U.S. Navy Industrial Hygienist, and George E. Lang, III, of Du Pont Engineering agree that a 2 fiber/ml. standard will mean the end of asbestos insulation in its current form and can be met only by substitution of other materials, chiefly fiberglass. Dr. Zapp hopes that new mastics can be developed to "capture" asbestos fibers and prevent them from becoming

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airborne. If the standard is adopted, the personnel surveillance necessary to document safe asbestos fiber levels will be so expensive that even the use of "Nomex" fabrics for insulation might be economically preferable.

The technical presentations by Drs. Reinhard, Trochimowicz, and Hubiak will be distributed later in writing with a copy of the NIOSH criteria document.

WLS:jic  
Attach.

ASBESTOS SEMINAR

June 2, 1972

8:45 a.m.	Introduction	
8:50 a.m.	Types and Uses of Asbestos	R. J. Hubiak
9:05 a.m.	Health Effects of Exposure to Asbestos	C. F. Reinhardt, M.D
9:30 a.m.	Changing Requirements under OSHA	J. F. Morgan
10:00 a.m.	COFFEE BREAK	
10:30 a.m.	Medical Surveillance of Asbestos Workers	H. J. Trochimowicz
11:00 a.m.	Surveillance of Working Environment	R. J. Hubiak
11:45 a.m.	LUNCH	
1:00 p.m.	Means of Dust Control	Com. S. Barboo, USN
1:45 p.m.	Potential Substitution of Asbestos in Insulation	G. E. Lang, III
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2:00 p.m.	Discussion of Topics	
3:30 p.m.	Adjournment	