

December 15, 1975

Mr. U. Boduroglu
Manager, Engineering Services
Union Carbide Europe, S.A.
5, Rue Pedro-Meylan
1211 Geneva 17, Switzerland

Dear Mr. Boduroglu:

In reply to your letter of December 1 re any medical cases linking asbestos in a high-temperature furnace to cancer, the answer is no. However, asbestosis and cancer of the lung due to asbestos as well as another type of cancer referred to as a mesothelioma are known to follow years of exposure to asbestos dust.

The incidence of disease is greatly increased in smokers. The greatest incidence is in heavy cigarette smokers. Carbide unfortunately has had several cases of asbestos disease of the lung (asbestosis). The individual is removed from work with asbestos and advised to discontinue smoking. Our cases usually followed more than ten years of dust exposure in applying insulation to pipes. One case occurred in Linde where asbestos powder was added to a mix by a worker on a daily basis for many years.

Wherever asbestos can be eliminated by substitution, that has been done. In those cases where it is not feasible, then the dust exposure is reduced to 5 fibers per cubic centimeter for an 8-hour time-weighted average exposure, the ceiling being 15 fibers for any 15 minute period. This stringent standard is presently the law in this country, and we expect a tenfold reduction in the allowable limit and a ceiling limit cut in half from the present standard.

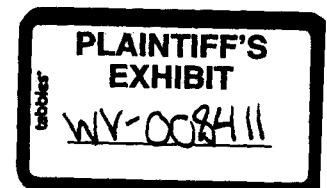
Please let me know if I can be of any assistance in this matter.

Very truly yours,

John J. Welsh, M.D.

JJW:BA

Copies sent to Mr. T. Kunkel



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JOHN J. WELSH, M. D.

Telephone 551-3101

Letter

~~Dr. Love~~

No. We've had cases
linked to asbestos, but
none in furnace operators
that I know about. If
they can eliminate it
it is a good idea, tho.

Ken

00200

For
Information
purposes.

JCH - In your info

CEM

~~11/17~~ 23/9

23/9

UB
RHB

RECEIVED

10 SEP 1975

C.E. MEDFORD

42045 ucn s 35 september 10 1975 ug/1ba

mr c e medford, ucn

monday evening the swedish broadcasting and tv corporation and the swedish press announced that a medical doctor of the swedish confederation of trade unions had verified that eight workers employed at the enterprise nohab in trollhattan had died of cancer caused by asbestos.

in these circumstances we have decided not to use any asbestos...
in the plant from tuesday afternoon this week.

asbestos has been used as a tightening material between the grates panels and around the head electrodes in our graphitizing furnaces and will now be replaced by kaowool and rockwool. these two ceramic materials have earlier been tested for these purposes.

regards
ulf gustavson, ucn

22253b unca ch
42045 ucn s++

23/9
4/13



UNION CARBIDE EUROPE

SOCIÉTÉ ANONYME

5, RUE PEDRO-MEYLAN 1211 GENEVA 17 SWITZERLAND
CORRESPONDENCE TO: P.O.BOX 1211 GENEVA 17 SWITZERLAND

December 1, 1975

Dr. J. J. Welsh
UNION CARBIDE CORPORATION
270 Park Avenue, 4th Floor
New York City, New York
10017 U.S.A.

Re: Use of Asbestos in Graphite Furnaces

Dear Dr. Welsh,

Attached is a copy of a telex from Union Carbide Norden where the use of asbestos was discontinued as insulating material in between the grate sections in graphite furnaces. The action was taken because the Swedish Confederation of Trade Unions announced the death of eight employees from a Trollhattan plant, due to cancer caused by asbestos.

Would you please let us know whether you have come across any medical cases linking the use of asbestos in a high-temperature furnace, to cancer.

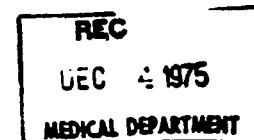
Looking forward to your early answer.

Very truly yours,

U. Boduroglu
Manager, Engineering Services

UB:mk
Encl.

cc: Messrs. R. H. Beyer
C. E. Medford



File



Calidria ASBESTOS

UNION CARBIDE CORPORATION • MINING & METALS DIVISION • P.O. BOX 579 • NIAGARA FALLS, N. Y. 14302 • TEL: 716-278-3376

December 22, 1975

Mr. Ed Strube
Colonial Rubber Co.
Dyersburg, TN 38024

Dear Ed:

Per our telecon, enclosed are two booklets and some other information on asbestos and health.

We would be glad to work with you on special packaging, but we do have certain limitations at our plant. We currently ship pellets in 95-ton bulk hopper cars to floor tile producers. This quantity may be in excess of your current foreseeable needs; but, if you can handle bulk cars, they do eliminate bag storage, opening and disposal.

Please let me know if we can be of any further assistance and best regards for the Holidays.

Very truly yours,

John L. Myers
Marketing Manager

JLM:dal
Enclosures

CC: R. E. Byrne
J. E. Walsh

COMPANY

Colonial Rubber

MAN'S NAME

Ed Strube

DATE

12/22/75LITERATURE AVAILABLE FOR MAILING ON THE SAFE USE OF ASBESTOS

1. Material Safety Data Sheet & Typical Chemical & Spectrographic Analysis of "Calidria" Asbestos
2. Testimony by George W. Wright, M.D. before U.S. Dept. of Labor, Occupational Safety & Health Hearing on Proposed Occupational Asbestos Standard, March 14-17, 1972
3. Testimony by J. Corbett McDonald, M.D. - same as above
4. OSHA Regulations - 6/7/72
5. EPA Regulations - 4/6/73
6. NY Times Article and Rebuttals (Article - 1/21/73, Rebuttals - 2/25/73)
7. AIA Response to the Wall Street Journal - 6/15/72
8. "Airborne Asbestos" National Research Council, 1971
9. "Airborne Asbestos" - Summary
10. "Airborne Asbestos" - References
11. Asbestos Bulletin (Asbestos Information Committee, London - 9/72)
12. CIBA GEIGY - UK 2/72
13. QAMA Folder
14. WHO Report - 10/72
15. Target Health Hazard Fact Sheet (SILICA)
16. "Asbestos Has Its Defenders" - The Journal of Commerce, 4/20/73
17. "The Familiar Aroma of Panic" - Editorial, Plastics Technology 3/73
18. Dust Counting - S. G. Bayer, R. D. Zummalde, T. A. Brown - Feb. 1969 U.S. Dept. of Health, Education and Welfare
19. Dust Monitoring Equipment & Costs - 2/19/73
20. AIA - "Protecting The Asbestos Worker"
21. AIA - "Asbestos and Health"
22. AIA - "The Asbestos Information Association/North America"
23. AIA - "Asbestos and Health Questions and Answers"
24. AIA - "What Asbestos Is: How and Where It Is Used"
25. The Northern Miner - "Asbestos Completely Exonerated etc." - 4/19/73
26. Partnership for Prevention - "The Insulation Industry Hygiene Research Program" - 4/70
27. Asbestos - Reprint from National Safety News - 10/73
28. AIA Answer to TIME magazine - 2/1/74
29. AIA/"What Every Employee Should Know About Asbestos" - 2/74
30. AIA Response to "Consumers Research" - 1/28/74
31. "Asbestos Health Question Perplexes Experts," C&EN - 12/10/73
32. Disputes on the Safety of Asbestos - New Scientist 3/7/74
33. JLM Speech (SPE Paper)
34. RG-244 Health Booklet
Pellets "