PLAINTIFF'S EXHIBIT
UC-549

cc for T. P. Norris
W. C. Thurber
J. E. Walsh
KC-File
NF-File

UNION CARBIDE CORPORATION
P.O. Box 579 Niagara Falls, N.Y. 14302

By H.B. Rhodes

Date 3/26/74

| | | | |
|---|---|---|---|
| Full Name | National Gypsum Company | Interviewed | Frank Zimmerman |
| Address | 325 Delaware Avenue<br>Buffalo, NY | | |
| Mfrs. of | Building Products | | |

OBJECTIVE

Frank Zimmerman and the writer were guests at a meeting of a safety committee of the Gypsum Association. The objective was to get their comments and impact on our draft of the proposed OSHA work standards for the field use of type joints, in plant manufacture of muds was only touched on briefly.

OBSERVATIONS

Those in attendance were:

| | |
|---|---|
| Frank Zimmerman | Corporate Safety and Health Division, National Gypsum |
| Jerry Moore | Safety and Health National Gypsum, Buffalo |
| Herb Carlson | Manager, Technical Services, Gypsum Association |
| James Cornell | Safety Director, U. S. Gypsum |
| Ken Freeman | U. S. Gypsum |
| Tom Chambers | Grand Rapids Gypsum |

Jack Shull of National Gypsum who is chariman of the Gypsum Association Technical Committee was also in and out of the meeting several times.

The background and basis for the revised regulations was presented to the Association Committee. The type of dust levels that occurred in their Denver tests and in several other tests (including ours) were discussed in detail. They had selected their test conditions to represent the worst conditions on the assumption that the fiber counts would be low. They could then use the data as a basis for not labelling products etc.

The general concensus was that fiber counts could range from around one to up towards ten depending on the type of compound (general purpose or topping) being sanding, the skill with which base mud job had been done, i.e. how much had to be removed, and atmospheric conditions. It was also recognized that if asbestos were not even present, they had serious silica and nuisance dust problems.

With this somewhat dubious situation on sanding as backgroung the proposed work practices were reviewed in detail. There was general agreement that they are technically feasible but there was real concern for their econimic impact and whether they could be policed in the field. No further suggestions on other practices were made. The "wetting" of dry-mix in the field also continues to be a particulary difficult proplem with no real attractive alternative offered.

The handling of asbestos from the rail car and in the plant was discussed for a short time. U. S. Gypsum stated that they consider that car unloading is the most serious plant dust problem they now face. National Gypsum and Grand Rapids Gypsum were in agreement. I mentioned our moves towards boy and pallet shrink wrapping. J/M has talked about the same thing but has not been willing to make any trial shipments.

The gypsum companies are also in agreement that they are going to have to install some sort of automatic boy handling facilities or a very good hood system. Jim Cornell (U. S. G.) claimed he has never seen a boy opener that worked well and even with excellent hood facilities it was going to be hard to stay below two fibers.

ADDES NOTES

I talked a ltttle with Tom (Red) Chambers of Grand Rapids Gypsum in Kansas City. They seem to be quite large and he controls the formulations. He did not know Tom Norris but did mention an Amsco man who he understood was our distributor. A call there by Tom P. Norris is suggested.

Typed 3/29/74
cam

REPORT OF CALL

T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
KC Files
NF Files

UNION CARBIDE CORPORATION
P.O. Box 579 Niagara Falls, N.Y. 14302

By J. E. Walsh

Date 7/9/71

| | | |
|---|---|---|
| Full Name | National Gypsum Company | Interviewed |
| Address | Westwego, La. | Wilson McInroy, Plant Manager |
| Mfrs. of | Tape joint muds | |

Call made on regular carload user of SG-210.

Mac advised that they presently have a carload order in for late July shipment, and his mud business continues to hold at a steady, although slightly decreased, level over last year. They are operating now on a two shift 5 day a week basis and have seen a slight perk-up in orders in the last three weeks. National has a substantial price increase on board going into effect 7-15, and part of this perk-up could be related to the board increase as contractors load up on materials before the increase. National has removed asbestos from all their textured ceiling and wall sprays and also their dry mix joint cements. They also have an asbestos-less redi-mix mud, Mac advised, which they supply to contractors in Minnesota. Their R & D people are in the final test stages now, looking at the aging results on an improved asbestos-less redi-mix mud that they could go to if the need arises. Neither the Minnesota formula or the improved version are as good a quality as their 210 mud now, according to Mac, and he doubts that National will switch over to it just for the publicity value of being the first to come out with an asbestos-less redi-mix mud. There are no plans at present to switch to the formula and Mac feels that it was developed to keep on the back burner should the legal and health problems with asbestos become too much for them to live with, in which event they would then have an alternative to go to.

Save

Calidria ASBESTOS

J for T. P. Norris
W. C. Thurber
J. E. Walsh
KC-File
NF-File ✓

UNION CARBIDE CORPORATION
P.O. Box 579 Niagara Falls, N.Y. 14302

By H. B. Rhodes

Date 4/16/75

| | |
|---|---|
| Full Name National Gypsum<br>Buffalo, NY<br>Address<br><br>Mfrs. of Building Products | Interviewed<br><br>Mr. Frank Zimmerman<br><br>(Telecon) |

OBJECTIVE

To check on report that National's plant in ~~Southgate~~ Long Beach, California was producing an asbestos-free mud for Hawaii because asbestos containing muds are prohibited by law in that state.

Mr. Zimmerman checked with Bob Wood their Long Beach plant manager. He initially said that he had never heard of any such ruling and couldn't find anyone who had. He counteracted this the next day, however, and stated that they had a telegram from a Mr. C. Gramlich who said that within 45 days they may be required to ship only non-asbestos joint compounds to Hawaii. Frank did not know exactly who Mr. Gramlich was but thought he was their sales representative in Hawaii.

On another subject, he also said that National Gypsum has arranged to have a showing of the British TV film, "Killer Dust - A Standard Mistake" plus another film of similar content in their offices in Buffalo sometime during the week of April 27. If at all possible, I plan to accept his invitation to attend. If anyone else is interested I can probably bring one or two more. Please let me know if interested. (If there is a group interested we can get the films to show here.)

RECOMMENDED ACTION

It looks to me like there is a bill now in progress in the Hawaiian State legislature. The original AIA/NA respondant who was a city and county man was not aware of it. There has not yet been a response to their inquiry to the state.

The problem was discussed with Bob Mereness with the idea that time may be running out for input to moderate the bill. The problem we face is how to track down the facts. He will get in touch immediately with Howard Lederman of the GDCI and solicit his help.

HBR Follow with Mereness on 4/21/75.


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Added Note

In the event this works into a chance to present a rebuttal our technical position is not particularly strong. Freeze-thaw stability is not likely to be too much of a problem in Hawaii.

typed 4/18/75
mlt

REPORT OF CALL

Calidria ASBESTOS

cc for T. P. Norris
W. C. Thurber
J. E. Walsh
KC-File
NF-File

UNION CARBIDE CORPORATION
P.O. Box 579 Niagara Falls, N.Y. 14302

By H. B. Rhodes

Date 4/28/75

| | |
|---|---|
| Full Name National Gypsum<br>325 Delaware Avenue<br>Address Buffalo, NY<br><br>Mfrs. of | Interviewed<br><br>Mr. Frank Zimmerman |

OBSERVATIONS

The writer was invited to attend the showing of two films:

Killer Dust - A Standard Mistake (British TV)

Living With Dust (Prepared by 3M Company)

The British film opened with a scene in a flour mill to emphasize the dust problem since they could find no asbestos plant that looked bad enough. It went downhill from there as a running interview between Selikoff and the new TBA medical director. The basis for the 2 fibers limit was attacked by Selikoff with the usual fast statistics. The nub of the question seems to be in how the X-ray data should be read. A panel of 4 M.D.'s is now reviewing this.

There is a companion 1 hour film that is aimed at the general (non-scientific) public that is highly emotional. We did not see this one.

The 3M film was a soft sell for their dust masks and for hoods and similar equipment. It was well done but not particularly imformative.

I had the opportunity to talk briefly with Frank Zimmerman. They are having some unspecified problems in Minnesota with their asbestos-free mud. He feels, however, that it is inevitable that this is the way of the future. Reminded him of impending silica regulations and he agrees that they will also be a real problem in muds as in many of their products. They are also continuing to track on a definition of what occurred in Hawaii regarding asbestos-free mud.

ACTION

In my opinion neither of these films would be useful to show at Niagara Falls or to recommend to customers.

Typed 4/30/75
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