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July 27, 1976

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Mr. Milt Trosper
Johns-Manville Corporation
Research Division
P.O. Box 5108
Denver, CO 80217

Dear Milt:

The information package we discussed recently is enclosed. It contains:

Items 1 and 2: Selected data from the 1972 Census of Construction Industries and from SIC Code 1742. These illustrate the tremendous amount of detailed economic information on this industry that is readily available. The problem is that it is presented by "establishment" rather than job location which makes it very difficult to get the "location count" needed for monitoring cost estimates. It seems to me that we should try to structure our study to trace the way asbestos is used in these various categories so this employee count and economic data can be used to calculate economic impact.

Items 3 and 4: Item 3 is a detailed explanation of the type of construction included under each SIC Code. Item 4 is a summary that makes it a little easier to visualize the structure of the listings. They do have a well defined pattern. I am particularly intrigued with the possibilities of the 4-digit listing by crafts made under Major Group 17.

Item 5: This is the beginning of an attempt to identify asbestos products usage by SIC Code. I find that I am not sufficiently knowledgeable about the products to go very far at this. Please look into this approach very carefully with your associates. We need to decide very soon as to its feasibility and usefulness.

Item 6: This is a copy of the F. W. Dodge Worksheet where the construction industry is broken down into 267 categories of structure. F. W. Dodge can supply the same kind of information as the Government census plus a very accurate location count. Note, however, that they do not have the breakout by trades as in SIC Major Group 17 which may be particularly useful in identifying workers who have regular exposure to asbestos as

PLAINTIFF'S EXHIBIT
UC-4109



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ACL Doc 18716 · Page 1 of 3
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part of their jobs for long employment periods. Your suggestions on this approach as an alternative or in conjunction with the governmental statistics would be useful.

Item 7: This is some literature on Dodge Scan. They have extensive (alleged to be virtually complete) architectural plans and specifications for non-residential public and private buildings over $50,000 that are out for competitive bids. They do provide a service for certain products (not those containing asbestos) reporting and predicting the amount used by type of construction.

Item 8: This is the product usage listing from the Weston Report with some very rough estimates of the fraction of each total that is used in construction. A considerably more detailed breakout by specific products in at least the asbestos paper, paints, etc., plastics, and miscellaneous categories will be needed to make any meaningful identification with particular phases of construction.

Item 9: This is a very detailed listing of uses that may or may not be complete. It seems to me that we need to cover all large tonnage uses plus all usages where substantial numbers of workers are exposed even if only a moderate tonnage of asbestos is involved. This is one of the most critical areas in defining the study. Can J/M come up with a list that we can at least use for "openers" on a survey?

It would be very much appreciated if you would review this and put together the J/M recommendations in time for our meeting during the week of August 2. We are very pleased to have you on the Construction Industry Sub-committee. Our work is certainly cut out for us.

Very truly yours,

Harry

Harrison B. Rhodes
Technology Manager

HBR:dal
Enclosures

CC: E. M. Fenner
G. G. Gabrielson, Jr.
R. H. Mereness
W. C. Thurber



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