FILE NAME: Eagle-Picher (EP)

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EXHIBIT "F"

MOUNT SINAI SCHOOL OF MEDICINE
of The City University of New York
FIFTH AVENUE AND 100TH STREET · NEW YORK, N.Y. 10029

Department of Community Medicine

July 20, 1970

Mr. W. P. Atteberry
President
Eagle-Picher Industries, Inc.
American Building
Cincinnati, Ohio 45202

Dear Mr. Atteberry:

Studies of health hazards in the insulation industry by our industrial hygiene engineers have identified a number of trade conditions of particular importance. Among these has been dust exposure associated with the use of asbestos cements.

Considering the question, it appeared that this exposure could be considerably reduced by eliminating the open mixing of the cement in troughs, etc. Studies indicate that this is so. For example, dust counts (optical microscopy) gave the following typical air levels with asbestos cement use:

Operation	Open mixing (fibers/ml)	Mixing within plastic bag (fibers/ml)
Mixing hydraulic cement	(range) 46-77	7.5
Non-hydraulic cement	10.0	4.4

It is evident that fiber levels at the worksite can be reduced by mixing cements within the bag, by one-half or even nine-tenths.

We therefore propose that this type of packaging would be a useful one and suggest that your company should consider marketing asbestos cement products in plastic or other suitable bags or containers, that would permit enclosed mixing.

The Johns-Manville Company has found an 8-mil polyethylene bag designed for valve filling with conventional valve bag packing equipment suitable for this purpose and, I understand, plan to market cement in such bags shortly. I am sure that similar bags could be obtained from other bag manufacturers.

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Under separate cover, I am sending you a sample of the bag Johns-Manville intends to use.

Should you find that we can be of assistance to you in any way, or that we might provide additional information, please call on us.

Sincerely yours,

I. J. Selikoff

Irving J. Selikoff, M.D.
Professor
Director, Insulation Industry
Hygiene Research Program

IJS:jlr
Enc. - bag
cc: Mr. A. E. Hutchinson