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VERNON 58, CALIFORNIA
February 13, 1962

IN REPLY REFER TO:
Dept. of Public Health

SUBJECT: Laboratory Analysis of "MARINITE"

PLAINTIFF'S EXHIBIT
AL-332

Aluminum Company of America
5151 Alcoa Avenue
Vernon 58, California

Attention: Mr. Frank Regehr
Safety Director

Gentlemen:

During the "marinite" study we made on January 12, 1962, a sample was retained and submitted to the California Department of Public Health Air and Industrial Hygiene Laboratory for analysis.

The results of the analysis are as follows:

Quartz - not detected (less than 5%)
Diatomite - approximately 5%
Asbestos - approximately 50% (clinochrysotile)
Inorganic Filler - approximately 40%

The quartz content and identification of asbestos species were determined by x-ray diffraction methods. Composition of other materials were based on microscopic estimate.

In view of the above analysis, we recommend that a Threshold Limit Value of 5 million particles per cubic foot of air be used when designing controls and when making studies of potential exposures to this material. This value is based on the asbestos content.

If you have any questions in regard to this report, please

CITY OF VERNON CALIFORNIA

IN REPLY REFER TO
Dept. of Public Health

Aluminum Company of America
5151 Alcoa Avenue
Vernon 58, California
February 13, 1962

feel free to contact us for additional information.

Very truly yours,

C. E. Nemethi, M.D.
Health Officer

Louis S. Hauger

Louis S. Hauger, R.S.
Dep. Dir. of Sanitation

LSH:lw.

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