PLAINTIFF'S
EXHIBIT
USX-252

# United States Steel Corporation

525 William Penn Place

Pittsburgh 30, Pa.

APR 11 1955
VICE-PRESIDENT, ENGINEERING

P. F. KOHLHAAS
ASSISTANT VICE PRESIDENT
ENGINEERING

RECEIVED
RAW MATERIAL ENGINEERING
APR 14 1955
USS

April 7, 1955

E.B.N.
Please note & forward
to R.R.T.
D.S.S.
4-13-55

CHIEF ENGINEERING EXECUTIVES
OF DIVISIONS AND ASSOCIATED
SUBSIDIARIES

Property of
REFERENCE ROOM
File No. USS L-114

Dear Sir:

Corrulux Skylights and Windows

The use of skylights and windows, in the design of mill buildings with corrugated steel roofing and siding, has been greatly reduced during the past several years due to the following reasons:

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a. Ordinary glass is often broken and the use of shatterproof glass throughout could not be justified.
b. Broken glass would not be replaced, causing an unsightly appearance and unsafe conditions.
c. Glass would not be cleaned when dirty.
d. Glass required special framing.

There is now on the market a comparatively new product, Corrulux, a glass substitute which overcomes most of these objections. Corrulux is a shatterproof, corrugated, translucent material made from tough weather resistant resins reinforced with fiber glass. It is installed just like any sheet of corrugated metal or asbestos and fastened down in the same manner as metal or asbestos sheets, requiring no special framing. The manufacturer claims savings over glass in four ways: (1) Engineering, (2) Framing, (3) Total First Cost, and (4) Maintenance. Corrulux weighs 1/2 pound per square foot with a nominal thickness of 1/16 of an inch and will carry more than 100 pounds per square foot on a 4 foot span, with the standard 1-1/4", 2-1/2", 2.67" and 4.2" corrugations. Corrulux is manufactured by the L. O. F. Glass Fibers Company, formerly the Corrulux Division of the Libbey-Owens, Ford Glass Company, P. O. Box 20026, Houston, Texas.

The Safety, Insurance, and Engineering Divisions of the United States Steel Corporation have approved the use of Corrulux under certain conditions. These conditions are outlined in Laboratory Report No. 11864 dated July 1, 1951, revised March 23, 1953, and issued by Factory Mutual Laboratories under the direction of the Associated Factory Mutual Fire Insurance Companies, 184 High Street, Boston 10, Massachusetts. The Report consists of five pages and eleven appendix sheets. Under the heading "Conclusions" on page 4 and 5 of the Report, are stated the conditions under which Corrulux may be used in your plants.

MEMORANDUM TO CH. DRAFTSMEN
& SQ. LEADERS PREPARED
C. G. 7-15-55

United States Steel Corporation



A sufficient number of copies of the Report, for distribution among the plants of your Division, are submitted herewith. Further information on Corrulux and additional copies of the report, if desired, should be obtained from the manufacturer.

We would like to be advised of your reaction with regard to the possible use of this material, and of any contemplated application.

Very truly yours,

R. B. Kohlhaas

Assistant Vice President
Engineering

Attach.

RNB:maf
cc: J. L. Young