PLAINTIFF'S EXHIBIT
AL-578

FDD

RPC

FROM R. G. LA BAR
CERAMIC SECTION
ALCOA TECHNICAL CENTER - B

TO MR. H. MC LAUGHLIN
DAVENPORT

December 23, 1975

RE: ASBESTOS FREE TROUGH LININGS

In reply to J. A. Dunbar's telegram, Bill Keith and I have worked together for over one year experimenting with phosphate bonded plastics, insulating phosphate bonded plastics, insulating moldables such as JM-375L, LDS and variations of JM-375, damp rammed Wahl SJP. In short, these materials failed to provide adequate performance. The main reason as I understand it is that trough linings (melter-holder) must be made between transfers. Unless spare troughs are constructed, lined, properly dried and preheated (as is the practice at Massena, Warrick, Lafayette, etc.) performance will not be acceptable. Bill has sufficient information on alternate materials, installation, and heatup procedures if and when spare troughs can be purchased.

R. G. LA BAR

RGL:lg

cc: J. A. Dunbar, Pgh.
~~R. P. [illegible]~~
A. J. Sartschev, Pgh.
R. W. Wrenn, Pgh.
D. L. Schaffer, Pgh.
M. L. Redhair, Pgh.
R. A. Cheatham, Pgh.

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ALCOA

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TELEGRAM

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FBB
RPC

POINT OF ORIGIN & DATE: DECEMBER 18, 1975

TO:

H. McLAUGHLIN - DAVENPORT WORKS

PER OUR PHONE CONVERSATION THIS DATE ON USE OF ASBESTOS LUMNITE IN MELTER-HOLDER TRANSFER TROUGHS. UNDERSTAND YOU STILL HAVE 6-8 TROUGHS LINED WITH THIS MATERIAL STILL IN USE, BUT THAT NEW TROUGHS WILL BE LINED WITH ONE OF THE SUBSTITUTE MATERIALS. BY MEANS OF A COPY OF THIS WIRE TO DICK LABAR, I AM REQUESTING THAT HE FORWARD TO YOU A MATERIAL AND INSTALLATION RECOMMENDATION FOR THIS APPLICATION BASED ON RESULTS AT OTHER PLANTS, NOTABLY MASSENA.

J. A. DUNBAR

JAD:skm
cc: R. G. LaBar - Alcoa Technical Center
R. D. Carlson - Pittsburgh, 7
A. J. Sartschev - William Penn Hotel, 3

File routed: RWW, DLS, MLR, RAC, JAD

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