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Technical File, "

Newport, Delaware
April 23, 1964

F. J. DiLaura
Edge Moor

AFFLAIR - EXPERIMENTAL LARGE FLAKE GOLD

Confirming our conversations of 4/20 and 4/22, six small lots of SF-72 (Large Flake Gold Afflair) totaling 4500 pounds will be calcined in the pilot unit kiln beginning Monday, April 27, 1964.

G. Grimm, E. F. Klenke and the writer will follow the calcinations around the clock for Newark Research and Technical Section.

Following are the instructions for calcining this material:

I. Cleanout Prior to Start

A minimum "hole" of one hour at temperatures below 700° prior to starting feed of SF-72. No other purging of kiln is required. Feed to be stopped for 1/2 hr. between lots.

II. Kiln Conditions at Start

1. Feed rate - 30 lb. every 5 minutes, "as is" basis
2. 1 ft. temp. - 975°C. at start
3. Lots to be fed in the following sequence: 175, 173, 176, 177, 178 and 179

III. Sampling

1. One composite (8 oz.) from each drum.
2. Special samples as requested by Technical Section.

IV. Testing

1. Control Lab will calcine the Newark presscake composite from each lot at 875°C., 900°C., 925°C., 950°C., 975°C. Resistance measurements of the calcined samples will be plotted the same as regular "Afflair" products.
2. Acrylic drawdowns will be required on the lab calcined samples plus plant samples as requested until color control is demonstrated. J.A. Saunders has agreed that Edge Moor Technical Section lab assistants will perform drawdowns on shift.

V. Packaging

Calcined material is to be collected in steel drums labeled SF-72 Lot ---1 and shipped to Newport.

D. S. WATSON/Signed
TECHNICAL SECTION