

E. I. DU PONT DE NEMOURS & COMPANY CC:

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Newport, Delaware
May 4, 1966

"AFFLAIR" - NEWPORT
XOA-6 - CLOSING REPORT

Title: Hydrolysis of NF-128-D

Purpose: This batch of improved gold is being prepared for initial sales evaluation of the NF-128-D grade.

Results: The hydrolysis was carried out according to the conditions prescribed on the batch card. Three variations in the original instructions were made under the direction of E. F. Klenke:

- a) The hydro was heated to boil in less than 2 hours.
- b) Water was not added to maintain level during boil.
- c) No Sb_2O_3 was added.

End-pointing of the hydrolysis was done by the color of the coated mica, a medium reddish tint constituting the end point. Laboratory calcination of a sample of the batch yielded a satisfactory product.

Specification of the TiO_2 :mica ratio and the corresponding boil time should permit routine plant operation.

The time temperature record for the hydrolysis is attached.

CLOSING REPORT WRITTEN BY:

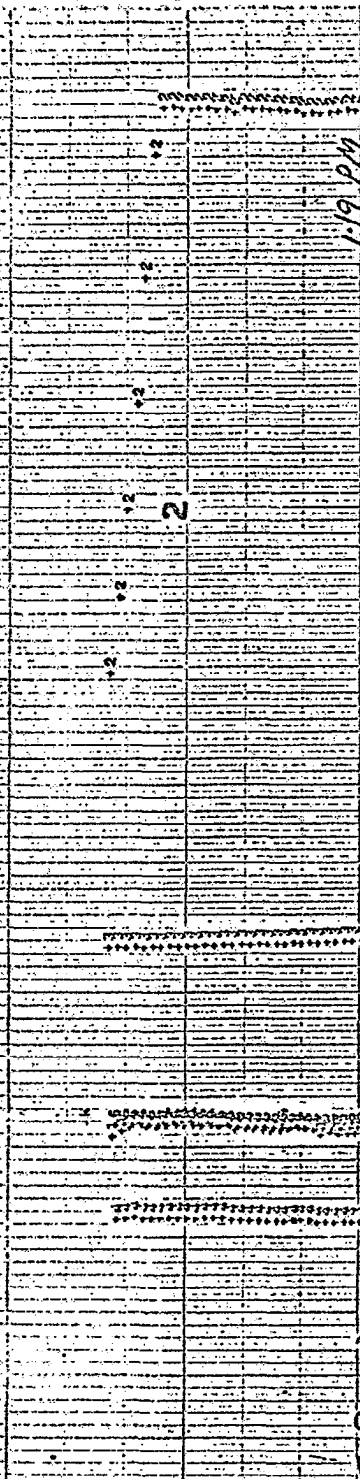
B. D. Bie

APPROVED BY:

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DEGREES CENTIGRADE

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Batch 20-1

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