


**UNION
CARBIDE**

INTERNAL CORRESPONDENCE

CHEMICALS AND PLASTICS

P. O. BOX 471, TEXAS CITY, TEXAS 77590

TO (NAME) Mr. N. A. Gimber
 COMPANY Mr. W. D. Bush
 LOCATION TEXAS CITY PLANT

DATE April 10, 1967

RECEIVED
APR 12 1967
R. N. Wheeler

COPY TO Mr. J. H. Barrett
 Mr. Ed Bell - 312
 Mr. G. P. Bigelow - 501
 Mr. O. T. Carlisle
 Mr. J. F. Erdmann
 Mr. J. H. Field - 514
 Mr. J. C. Schlichter
 Mr. T. R. Smith
 Mr. R. N. Wheeler - 514

SUBJECT Scaleup Plans for
 New Suspension
 Vinyl Resins

Gentlemen:

This will confirm our discussions last week on scaleup plans for the near-term future.

1. One of the two most urgent scaleup efforts is the dryblend resin for Wire and Cable. As agreed with the Operations Team, this will amount to approximately 100,000 lb. of QXAP-12, double-washed for good electricals. The aim is to demonstrate our ability to control particle characteristics while providing sufficient resin for both internal and field evaluation. It is doubtful that we can hold onto the pilot model Bird-Young rotary vacuum filter much longer, so it is imperative that the QXAP-12 be made immediately following the current QYTQ-7 run. Ted Smith will furnish operating recipes and instructions, and will follow the production on a run-by-run basis. Please try to alert us a couple of days before the end of the QYTQ-7 run.

2. The other urgent scaleup effort is VXXF-10. The production efforts to date have shown that at 120 rpm agitator speed, the primary particles are too small to approach Steve Krumm's target, regardless of recipe adjustments. Larger particles can be made by a moderate degree of secondary agglomeration, but this is undesirable because it lowers bulk density. The only alternative is to reduce agitator speed to increase the diameter of the basic particle. In our case, this means operation at 104 rpm with the available alternate drive gear. John Schlichter plans to do this on the South-2 line as soon as its debugging is finished, unless the South line returns to copolymer production sooner. In any case, the priority is very high because of potentially large resin sales at a premium price. Adolph Peterson will furnish the technical liaison and follow the individual autoclave runs.

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Mr. N. A. Gimber
Mr. W. D. Bush

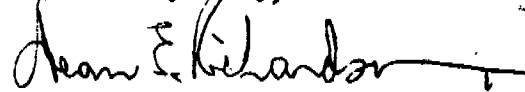
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3. We don't plan to resume scaleup work on QXPM-4 until Rod Gulick completes a review of the market quality requirements. This is expected late next week, and we'll communicate further with you at that time.

I think it is appropriate at this time to reiterate that once we have agreed on timing for these scaleup runs, that timing should not be changed except by mutual agreement, regardless of "panic-button" pressure from other quarters. We expect to work closely with you to carry out the necessary scaleup work in the most effective manner, but this requires minimizing rapid changes of schedule as "five-minute crises" arise.

Yours very truly,



Dean E. Richardson

DER/sj

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