

INTER-OFFICE MEMO **TENNECO CHEMICALS, INC.**

TO W.F. Gabel AT Piscataway DATE October 28, 1974

FROM F.W. Kanzler AT Burlington COPY TO W.A. Britton
H.B. Carr
W.C. Champion
P. Gawason
G.I. Rozand
✓ File

SUBJECT Compound Plant -
Determination of VCM Levels in Compounds and Air

At your request, a program has been set up to characterize the VCM content in the atmosphere of selected potential excursion areas in the Compound Plant and residual VCM levels in compounds throughout the compounding process. Table I lists the sample areas and the type of solid samples to be taken. The air sampling will be accomplished with the use of personal monitoring pumps (charcoal tube samples) rather than air "grab" samples. This will allow the establishment of typical personal monitoring data for all the areas sampled.

The program will be started with monitoring of 2022 Gray 148 on 10/30/74 followed by 2825 Natural on 10/31/74 and 2800 Natural 11/1/74. The dates and runs are subject to schedule changes, however, samples will be taken regardless of what compound runs are scheduled.

Since the majority of the compounds presently manufactured in Burlington are made with imported or competitive resins, it is planned to run half of the 2901-1 Natural 01, tentatively scheduled for 11/11/74, with T-225/16R manufactured in Burlington to establish a bench mark for residual VCM with low level VCM resin.

We will keep you posted of any changes and a report will issue at the termination of the program which is expected to be during the week of 11/14/74.

And H. Kanzler
F.W. Kanzler

Attachment.

FWK/jst

TABLE I

COMPOUND PLANT MONITORING

. Air Samples (Personal Monitoring Pump)

- a. mixing platform
- b. feeder deck
- c. CM & panel board
- d. pig conveyor
- e. mill area
- f. bagger area
- g. laboratory mill area
- h. warehouse storage area (finished compound)
- i. color room

Resin and Compound Samples

- resin as charged to blender
- b. dry blend after all raw materials added
- c. dry blend before drop
- d. CM - feed
- e. mill slab
- g. pellets
- h. ribbon cooling water

F.W. Kanzler
10/28/74

COLORITE 013370