

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

TO S.N. Cincotta
FROM W.C. Champion
SUBJECT VCM Monitoring

AT Piscataway
AT Burlington

DATE October 25, 1974

COPY TO H.B. Carr
W.F. Gabel
F.W. Kanzler
G.A. LaPointe
F.X. Ritter
G.I. Rozand
file

Reference: Memo, S.N. Cincotta to F.X. Ritter,
"Permanent Vinyl Chloride Exposure Standard",
dated October 17, 1974

As we have discussed, your request that certain monitoring trials be completed during the first week in November cannot be complied with because of manpower, equipment and timing considerations. The following alternatives are offered:

1. Monitoring of Matlack Unloading Terminal

Propose recheck of ambient levels of and personnel exposure to VCM at the Matlack terminal because of the high values measured during the unloading of Firestone resin containing 600 - 1000 ppm of residual VCM. Arrange shipment of Burlington 225 or 10R (or both) containing <100 ppm VCM during the week of November 4th. Monitor unloading into bulk trucks during the week of November 18th (based on 10-day shipping time, Burlington to Bayonne). Analyze samples and report week of November 25th.

2. Monitoring of Bergen Norfolk Warehouse

Check ambient VCM concentrations in this facility in conjunction with monitoring at Matlack during the week of November 18th. Report week of November 25th.

3. Truck Loading Trials

Assuming availability of a "vented" truck with a monitoring tube, this work could begin during the week of November 4th in Burlington with resin containing <100 ppm VCM. Trucks should be loaded and driven for one hour to allow ventilation, then parked in Burlington for one week. Approximately 40M lbs of the same lot should be left stacked on the warehouse floor. Monitoring of personnel should occur during loading of the two trucks and during the subsequent unloading seven days later. The headspace of the trucks, as well as the air near the stacked pallets in the warehouse should be sampled and analyzed daily. After seven days, the resin stored in the warehouse should be loaded on a truck, and the personnel monitored. Appropriate resin samples should be taken and analyzed.

If you expect to start any of these trials prior to November 4th, please coordinate them with Fred Kanzler at Burlington. I would hope that you could provide a man to assist in these efforts, especially at Bergen and Bayonne.

W.C. Champion
(jst)

W.C. Champion

WCC/jst