

Yield

cc: W. T. Anderson
C. Berg/Bales
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J. G. McQuarrie
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T. E. Shirley/Marken

MONSANTO CHEMICAL COMPANY

Texas City, Texas

July 13, 1961

To: G. T. Ryan

Subject: Depressuring VCM Tank Cars

Materials Handling personnel have conducted a three-month survey on depressuring VCM tank cars in order to repair valves, etc. The following information was obtained:

289 - cars loaded

86 - cars depressured prior to loading
(30% of total cars loaded)

Each depressured car will normally contain VCM vapor at the pressure of the storage sphere, and therefore represents a loss of about 800 pounds of recoverable VCM. This loss is about \$15,000 per year based on the incremental cost of raw materials, 138 MM pounds per year production rate, and regular size tank cars. Plant Engineering has designed a vent line from the storage spheres to the production unit. Tie-in to this line is planned to recover a major portion of this VCM.

In reference to the letter you received from W. R. Nisbet on June 26, 1961, regarding Springfield loss of VCM in the trans-shipment area, I can see no possible relationship between our depressuring of tank cars in the loading area and their yield problems. This is strictly Texas City loss since Springfield is charged by total weight out of Texas City minus the previous actual tareweight of the car.

Don L. Kristinik

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