VINYL DEPARTMENT

VCM EFFICIENCY

The 1980 VCM efficiency objective is 1.01960 pounds VCM per pound of PVC. The following is a list of current efforts and plans to meet the VCM efficiency objective.

I. VCM LOSSES

1. Monitoring of all process valves and piping in VCM service for possible leakage.

2. Reduction in quantity of VCM vented to the incinerator through optimization of the vent refrigeration system and concerted effort from operations to reduce losses.

3. Slurry stripping averages continue to improve.

4. Process and instrumentation revisions will have a positive effect on reactor and recovery system seal failures.

5. Revisions to operating procedures and instrumentation will result in prevention of relief valve discharges.

II. REACTOR FOAMING LOSSES

1. Control of batch size has reduced periodic batch foaming.

2. Utilization of new antifoam agent has allowed increased batch size without excessive foaming.

III. COARSE BATCHES

1. Improvement in colloid make-up procedure has resulted in reduced number of coarse batches.

IV. SLURRY LOSSES

1. The strict adherence to the spill prevention program has shown no evidence of blend tank overflows.

2. Process and mechanical improvement at known slurry loss sources.

V. PVC LOSSES

1. Dryer dust collectors were revised in 1979. This has led to marked improvement in resin losses from collectors.

2. Resin spill prevention program has led to reduction of loading losses as well as normal transfer losses.

3. Recovery of railcar heels is now possible with portable vacuum system.

4. Process and mechanical improvement at known resin loss sources.

VI. ACCOUNTING

1. Several cross-checks have been established to minimize accounting/inventory errors.

2. Truck and rail scales undergo checking on frequent basis.