

(2)

3/23/83R

Inprocess Wastewater Stripping Emission

in 1987 stripped 1245 batches, 11,000 gal/batch
 in 1987 Average RVCm = 0.243 ppm

$$\frac{1245 \text{ batches}}{\text{yr}} \times \frac{11,000 \text{ gal}}{\text{batch}} \times \frac{8.316}{\text{gal}} \times \frac{0.243 \text{ \#VCm}}{1,000,000 \text{ \#}} = 27.6 \text{ \#/yr}$$

after modification
 Emission = $27.6 \times 1.15 = 31.8 \text{ \#/yr}$

Stripped Slurry & ROL Emission

in 1987 make 435,000,000 \#PVC

$$\text{Average ROL \& Slurry Residual} = \frac{207.56 \text{ \#VCm}}{1 \text{ MM \#PVC}}$$

$$\frac{435,000,000 \text{ \#PVC}}{\text{yr}} \times \frac{207.56 \text{ \#VCm}}{1,000,000 \text{ \#PVC}} = \frac{90,289 \text{ \#VCm}}{\text{yr}}$$

after Modification

$$\text{Emission} = \frac{500}{435} \times 90,289 = 103,780 \frac{\text{\#VCm}}{\text{yr}}$$