

TABLE 1

MAXIMUM 1-HR, 8-HR AND ANNUAL MEAN
C-8 CONCENTRATIONS OVER THE FIVE YEAR (1973-1977)
PERIOD OF RECORD AT SELECTED RECEPTORS

Receptor	C-8 Concentration, $\mu\text{g}/\text{m}^3$					
	Case 1			Case 1A		
	1-Hr	8-Hr	Annual	1-Hr	8-Hr	Annual
Administration (Bldg. 1)	10.7	4.2	0.09	13.8	5.1	0.14
Cafeteria (Bldg. 5)	11.2	3.5	0.05	13.9	4.6	0.08
Powerhouse (Bldg. 30)	5.0	1.0	0.01	9.1	2.3	0.03
Lucite® Office (Bldg. 143)	10.8	3.9	0.13	14.2	4.9	0.19
Teflon® Office (Bldg. 168)	10.9	3.8	0.05	13.8	5.2	0.07
Butacite® Office (Bldg. 226)	12.0	<u>5.5</u>	0.10	14.0	<u>6.9</u>	0.15
R&D (Bldg. 22)	11.1	3.6	0.04	14.0	4.8	0.07
Incinerator	<u>12.3</u>	3.8	0.18	13.1	4.8	0.22
Carr (Bldg. 170)	10.8	3.7	0.05	13.4	5.9	0.08
Nylon Office (Bldg. 150)	10.7	3.5	0.14	<u>14.4</u>	4.5	0.22
Delrin Office (Bldg. 200)	10.9	4.8	0.07	13.9	5.9	0.11
Central Lab (Bldg. 3)	11.6	4.1	0.06	13.5	5.2	0.10
Bldg. 10	0.3	0.1	0.01	0.3	0.3	0.01
2000 ft N. of TFE Stacks	11.7	4.1	<u>0.26</u>	13.7	5.7	<u>0.34</u>
CAP (Bldg. 280)	11.1	<u>5.5</u>	0.16	12.6	6.5	0.20

Case 1 = After F.P. Dryer Stack Heights Increased

Case 1A = Before F.P. Dryer Stack Heights Increased

$$AEL = 10 \mu\text{g}/\text{m}^3$$

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TABLE 5

HIGHEST ANNUAL MEAN C-8 CONCENTRATIONS FOR
EACH YEAR (1973-1977) FROM 2400 RECEPTOR GRID

Year	Case 1			Case 1A		
	Max. Annual Conc. $\mu\text{g}/\text{m}^3$	Dist., ft.	Dir., Deg.	Max. Annual Conc. $\mu\text{g}/\text{m}^3$	Dist., ft.	Dir., Deg.
1973	0.33	1700	45	0.45	1400	30
1974	0.30	2000	0	0.41	1600	0
1975	0.31	1700	45	0.42	1600	50
1976	0.37	1700	70	0.50	1400	65
1977	0.34	1700	45	0.47	1600	50

Case 1 = After F.P. Dryer Stack Heights Increased

Case 1A = Before F.P. Dryer Stack Heights Increased

AEL = $10 \mu\text{g}/\text{m}^3$

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J. D. Loschiavo
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