



TENNECO POLYMERS, INC.
(COMPANY)

INTEROFFICE COMMUNICATION

TO: J. W. Kachtick

DATE: September 11, 1984

FROM: T. T. Moore

RE: NESHAPS - VCM Semi-Annual Report

The data required for submittal in NESHAPS - VCM Semi-annual report are attached. The time period covered is from March 1, 1984 to August 31, 1984.

Table 1 - Incinerator emission over 10 ppm -41-CFR-61.70 (c) (1)

Table 2 - Residual VCM weighted averages - 41-CFR-61.70 (c) (2)

Table 3 - Reactor opening emissions - 41-CFR-61.70 (c) (3)

T. T. Moore

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TTM/vm

TABLE 1
INCINERATOR EMISSION OVER 10 PPM (1 hr. Avg.)
PER 41-CFR-61.70 (c) (1)

DATE -----	TIME -----
03-19-84	1900-2000 hrs.

TABLE 2
RESIDUAL VCM WEIGHTED AVERAGES
PER 41-CFR-61.70 (c) (2)

DATE	RESIDUAL VCM, PPM	DATE	RESIDUAL VCM, PPM
03-01-84	68	04-16-84	19
03-02-84	68	04-17-84	19
03-03-84	46	04-18-84	132
03-04-84	18	04-19-84	76
03-05-84	124	04-20-84	75
03-06-84	107	04-21-84	41
03-07-84	22	04-22-84	31
03-08-84	96	04-23-84	38
03-09-84	26	04-24-84	21
03-10-84	24	04-25-84	74
03-11-84	19	04-26-84	57
03-12-84	17	04-27-84	78
03-13-84	22	04-28-84	26
03-14-84	8	04-29-84	28
03-15-84	89	04-30-84	35
03-16-84	22	05-01-84	28
03-17-84	52	05-02-84	57
03-18-84	36	05-03-84	18
03-19-84	32	05-04-84	39
03-20-84	32	05-05-84	40
03-21-84	25	05-06-84	86
03-22-84	20	05-07-84	46
03-23-84	38	05-08-84	75
03-24-84	40	05-09-84	62
03-25-84	45	05-10-84	44
03-26-84	67	05-11-84	47
03-27-84	73	05-12-84	59
03-28-84	74	05-13-84	27
03-29-84	59	05-14-84	120
03-30-84	27	05-15-84	154
03-31-84	25	05-16-84	119
04-01-84	21	05-17-84	116
04-02-84	23	05-18-84	205
04-03-84	52	05-19-84	281
04-04-84	28	05-20-84	160
04-05-84	64	05-21-84	92
04-06-84	32	05-22-84	79
04-07-84	41	05-23-84	107
04-08-84	20	05-24-84	46
04-09-84	14	05-25-84	276
04-10-84	97	05-26-84	233
04-11-84	27	05-27-84	104
04-12-84	17	05-28-84	149
04-13-84	8	05-29-84	24
04-14-84	37	05-30-84	75
04-15-84	27	05-31-84	116

TABLE 2 (cont'd)
RESIDUAL VCM WEIGHTED AVERAGES
PER 41-CFR-61.70 (c) (2)

DATE	RESIDUAL VCM, PPM	DATE	RESIDUAL VCM, PPM
06-01-84	82	07-17-84	8
06-02-84	82	07-18-84	98
06-03-84	75	07-19-84	24
06-04-84	52	07-20-84	75
06-05-84	63	07-21-84	instrument O/S
06-06-84	125	07-22-84	instrument O/S
06-07-84	32	07-23-84	6
06-08-84	12	07-24-84	12
06-09-84	35	07-25-84	18
06-10-84	15	07-26-84	128
06-11-84	34	07-27-84	10
06-12-84	36	07-28-84	29
06-13-84	15	07-29-84	23
06-14-84	18	07-30-84	28
06-15-84	38	07-31-84	29
06-16-84	48	08-01-84	75
06-17-84	65	08-02-84	65
06-18-84	134	08-03-84	46
06-19-84	56	08-04-84	46
06-20-84	37	08-05-84	25
06-21-84	52	08-06-84	49
06-22-84	32	08-07-84	45
06-23-84	25	08-08-84	52
06-24-84	56	08-09-84	57
06-25-84	33	08-10-84	60
06-26-84	13	08-11-84	37
06-27-84	21	08-12-84	46
06-28-84	11	08-13-84	61
06-29-84	101	08-14-84	102
06-30-84	71	08-15-84	72
07-01-84	17	08-16-84	133
07-02-84	24	08-17-84	51
07-03-84	43	08-18-84	94
07-04-84	144	08-19-84	38
07-05-84	56	08-20-84	65
07-06-84	27	08-21-84	51
07-07-84	16	08-22-84	49
07-08-84	11	08-23-84	56
07-09-84	10	08-24-84	55
07-10-84	6	08-25-84	55
07-11-84	21	08-26-84	47
07-12-84	S/D	08-27-84	75
07-13-84	S/D	08-28-84	52
07-14-84	S/D	08-29-84	45
07-15-84	S/D	08-30-84	33
07-16-84	S/D	08-31-84	50

TABLE 3

REACTOR OPENING EMISSIONS

Per 41-CFR-61.70 (c) (3)

-5 Kg VCM Emissions
 LIMIT: 2.000 X 10⁻⁵ -----
 Kg PVC Produced

DATE	C PER 61.70 (g) (5) (i)	DATE	C PER 61.70 (g) (5) (i)
----	-----	----	-----
	-5		-5
03-01-84	0.1225 x 10	05-13-84	0.1127 x 10
03-02-84	0.1296 x "	05-14-84	no sample
03-05-84	0.2603 x "	05-18-84	0.5788 x "
03-06-84	0.2967 x "	05-21-84	0.0090 x "
03-07-84	1.0789 x "	05-22-84	0.7371 x "
03-07-84	0.3276 x "	05-25-84	0.0874 x "
03-08-84	0.0669 x "	05-26-84	0.2940 x "
03-11-84	0.3829 x "	05-26-84	0.1229 x "
03-12-84	0.1854 x "	05-31-84	0.2786 x "
03-15-84	0.0711 x "	06-01-84	3.1920 x "
03-16-84	0.5604 x "	06-03-84	0.2311 x "
03-19-84	0.0935 x "	06-06-84	0.3909 x "
03-21-84	0.9444 x "	06-07-84	0.1988 x "
03-24-84	0.1856 x "	06-12-84	2.5503 x "
03-26-84	0.0247 x "	06-13-84	0.7294 x "
03-27-84	no sample	06-14-84	0.2005 x "
03-28-84	0.1079 x "	06-16-84	13.1867 x "
03-28-84	5.9469 x "	06-17-84	0.5593 x "
04-03-84	0.3997 x "	06-20-84	0.1333 x "
04-03-84	0.0966 x "	06-21-84	2.6901 x "
04-06-84	0.2991 x "	06-25-84	0.1275 x "
04-09-84	0.2947 x "	06-26-84	0.6141 x "
04-10-84	0.3242 x "	06-28-84	0.1887 x "
04-11-84	0.1562 x "	06-28-84	4.5900 x "
04-12-84	0.0979 x "	06-28-84	0.6359 x "
04-19-84	0.2965 x "	06-29-84	0.7465 x "
04-20-84	1.0879 x "	07-01-84	0.2202 x "
04-21-84	1.5902 x "	07-02-84	0.2449 x "
04-25-84	0.2697 x "	07-05-84	0.0587 x "
04-26-84	0.3326 x "	07-08-84	0.2457 x "
04-27-84	0.4804 x "	07-10-84	0.8151 x "
04-30-84	0.0450 x "	07-11-84	0.5113 x "
05-01-84	0.0224 x "	07-11-84	1.3846 x "
05-01-84	0.8928 x "	07-11-84	1.5434 x "
05-02-84	0.2311 x "	07-13-84	0.3231 x "
05-07-84	0.8379 x "	07-13-84	0.3037 x "
05-07-84	0.1774 x "	07-24-84	0.7652 x "
05-06-84	0.0529 x "	07-25-84	0.1797 x "
05-09-84	0.8477 x "	07-26-84	0.1210 x "
05-09-84	0.2330 x "	07-27-84	0.2759 x "
05-12-84	6.7994 x "	07-29-84	0.0935 x "
05-13-84	0.0489 x "	07-31-84	0.1336 x "

TABLE 3 (cont'd)

REACTOR OPENING EMISSIONS

Per 41-CFR-61.70 (c) (3)

LIMIT: 2.000×10^{-5} $\frac{\text{Kg VCM Emissions}}{\text{Kg PVC Produced}}$

DATE	C PER 61.70 (g) (5) (i)
-----	-----
	-5
08-06-84	0.2513 x 10
08-71-84	0.3388 x "
08-10-84	0.2844 x "
08-11-84	0.5701 x "
08-13-84	0.0630 x "
08-14-84	1.3544 x "
08-14-84	0.0557 x "
08-15-84	2.5915 x "
08-16-84	0.9565 x "
08-17-84	2.2495 x "
08-20-84	0.1055 x "
08-21-84	0.8291 x "
08-22-84	11.8139 x "
08-28-84	0.9447 x "
08-29-84	1.9465 x "
08-31-84	0.3033 x "