



TO: J. W. Kachtick

September 10, 1985

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, 1985 to August 31, 1985.

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

TTM/vm

TABLE 1

INCINERATOR EMISSION OVER 10 PPM (1 hr. Avg.)

PER 41-CFR-61.70 (c) (1)

<u>DATE</u>	<u>TIME</u>
07-5-85	1900 - 2000

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

DATE	RESIDUAL VCM, PPM	DATE	RESIDUAL VCM, PPM
03-01-85	27	04-16-85	22
03-02-85	64	04-17-85	14
03-03-85	16	04-18-85	90
03-04-85	102	04-19-85	23
03-05-85	11	04-20-85	106
03-06-85	18	04-21-85	54
03-07-85	24	04-22-85	80
03-08-85	20	04-23-85	24
03-09-85	30	04-24-85	126
03-10-85	38	04-25-85	44
03-11-85	15	04-26-85	28
03-12-85	34	04-27-85	22
03-13-85	37	04-28-85	44
03-14-85	20	04-29-85	91
03-15-85	36	04-30-85	108
03-16-85	20	05-01-85	19
03-17-85	18	05-02-85	45
03-18-85	17	05-03-85	59
03-19-85	14	05-04-85	32
03-20-85	15	05-05-85	26
03-21-85	33	05-06-85	111
03-22-85	55	05-07-85	70
03-23-85	41	05-08-85	184
03-24-85	50	05-09-85	65
03-25-85	29	05-10-85	33
03-26-85	22	05-11-85	103
03-27-85	17	05-12-85	88
03-28-85	37	05-13-85	51
03-29-85	85	05-14-85	28
03-30-85	26	05-15-85	15
03-31-85	23	05-16-85	18
04-01-85	17	05-17-85	14
04-02-85	20	05-18-85	10
04-03-85	25	05-19-85	22
04-04-85	43	05-20-85	19
04-05-85	52	05-21-85	24
04-06-85	102	05-22-85	23
04-07-85	114	05-23-85	22
04-08-85	49	05-24-85	41
04-09-85	33	05-25-85	45
04-10-85	20	05-26-85	41
04-11-85	7	05-27-85	34
04-12-85	21	05-28-85	42
04-13-85	18	05-29-85	51
04-14-85	18	05-30-85	41
04-15-85	16	05-31-85	16

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

DATE	RESIDUAL VCM, PPM	DATE	RESIDUAL VCM, PPM
06-01-85	54	07-17-85	22
06-02-85	43	07-18-85	19
06-03-85	16	07-19-85	65
06-04-85	45	07-20-85	15
06-05-85	47	07-21-85	19
06-06-85	24	07-22-85	15
06-07-85	43	07-23-85	18
06-08-85	43	07-24-85	16
06-09-85	29	07-25-85	36
06-10-85	34	07-26-85	14
06-11-85	28	07-27-85	182
06-12-85	27	07-28-85	Plant S/D
06-13-85	54	07-29-85	Plant S/D
06-14-85	43	07-30-85	Plant S/D
06-15-85	80	07-31-85	Plant S/D
06-16-85	43	08-01-85	Plant S/D
06-17-85	60	08-02-85	Plant S/D
06-01-85	63	08-03-85	Plant S/D
06-19-85	23	08-04-85	Plant S/D
06-20-85	15	08-05-85	Plant S/D
06-21-85	11	08-06-85	Plant S/D
06-22-85	20	08-07-85	Plant S/D
06-23-85	27	08-08-85	Plant S/D
06-24-85	41	08-09-85	Plant S/D
06-25-85	40	08-10-85	Plant S/D
06-26-85	9	08-11-85	Plant S/D
06-27-85	13	08-12-85	Plant S/D
06-28-85	4	08-13-85	Plant S/D
06-29-85	37	08-14-85	Plant S/D
06-30-85	64	08-15-85	Plant S/D
07-01-85	36	08-16-85	Plant S/D
07-02-85	41	08-17-85	Plant S/D
07-03-85	25	08-18-85	Plant S/D
07-04-85	24	08-19-85	No Samples
07-05-85	16	08-20-85	391
07-06-85	17	08-21-85	80
07-07-85	40	08-22-85	36
07-08-85	10	08-23-85	38
07-09-85	34	08-24-85	12
07-10-85	43	08-25-85	30
07-11-85	107	08-26-85	20
07-12-85	37	08-27-85	19
07-13-85	25	08-28-85	30
07-14-85	40	08-29-85	75
07-15-85	19	08-30-85	116
07-16-85	19	08-31-85	69

TABLE 3
REACTOR OPENING EMISSIONS
Per 41-CFR-61.70 (c) (3)

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

DATE	C PER 61.70 (g) (5) (i)	DATE	C PER 61.70 (g) (5) (i)
	-5		-5
03-01-85	0.1061 x 10	05-14-85	0.0675 x 10
03-03-85	0.0415 x "	05-15-85	3.2538 x "
03-04-85	1.7018 x "	05-16-85	0.0932 x "
03-06-85	0.0493 x "	05-20-85	0.1452 x "
03-07-85	1.1893 x "	05-21-85	0.0579 x "
03-08-85	0.2872 x "	05-21-85	0.0342 x "
03-09-85	0.1157 x "	05-22-85	0.0052 x "
03-14-85	0.3503 x "	05-23-85	1.1996 x "
03-15-85	1.2672 x "	05-24-85	0.1718 x "
03-17-85	0.0860 x "	05-28-85	0.0700 x "
03-17-85	1.2194 x "	05-29-85	0.1355 x "
03-19-85	0.8439 x "	05-31-85	0.0284 x "
03-19-85	0.1134 x "	06-03-85	0.0012 x "
03-21-85	0.3414 x "	06-05-85	0.0425 x "
03-22-85	0.1288 x "	06-06-85	0.0045 x "
03-28-85	0.0443 x "	06-06-85	0.0411 x "
03-29-85	1.9155 x "	06-07-85	0.1301 x "
03-29-85	0.0269 x "	06-07-85	0.1858 x "
04-01-85	0.2177 x "	06-08-85	0.0107 x "
04-03-85	0.2431 x "	06-10-85	0.6180 x "
04-04-85	0.6086 x "	06-10-85	0.0101 x "
04-04-85	0.0507 x "	06-11-85	0.8560 x "
04-09-85	0.2189 x "	06-11-85	0.0041 x "
04-10-85	0.4945 x "	06-13-85	0.0583 x "
04-10-85	0.2097 x "	06-16-85	0.1290 x "
04-10-85	0.2583 x "	06-17-85	0.0170 x "
04-10-85	0.2688 x "	06-17-85	0.2117 x "
04-13-85	0.1163 x "	06-21-85	0.0079 x "
04-13-85	0.0199 x "	06-25-85	0.0381 x "
04-16-85	0.0570 x "	06-26-85	0.0077 x "
04-17-85	0.0018 x "	06-30-85	0.6725 x "
04-20-85	0.0592 x "	06-30-85	0.0384 x "
04-24-85	0.2559 x "	07-03-85	0.0296 x "
05-01-85	0.0262 x "	07-05-85	0.3204 x "
05-01-85	0.0171 x "	07-08-85	0.2152 x "
05-06-85	0.0479 x "	07-10-85	0.0081 x "
05-06-85	0.0469 x "	07-14-85	0.0041 x "
05-07-85	0.3520 x "	07-16-85	3.2653 x "
05-09-85	0.1223 x "	07-19-85	0.0633 x "
05-10-85	0.0484 x "	07-19-85	0.0229 x "
05-10-85	0.3083 x "	07-19-85	0.1744 x "
05-13-85	0.4707 x "	07-21-85	0.2870 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
07-22-85	0.8279 x 10
07-27-85	0.0521 x "
07-28-85	0.0618 x "
07-28-85	0.1037 x "
07-28-85	0.0502 x "
07-28-85	0.0272 x "
07-28-85	0.7466 x "
07-28-85	0.1343 x "
07-28-85	0.2291 x "
07-28-85	0.2056 x "
07-28-85	0.0094 x "
08-22-85	0.7187 x "
08-22-85	0.1104 x "
08-26-85	0.1187 x "
08-25-85	1.0271 x "
08-26-85	0.3117 x "
08-29-85	0.0899 x "
08-30-85	0.0445 x "

5/15 R44 w/ 21 Batches
unable to dist. more reason per R44.

7/16 R45 w/ 21 Batches
for order jury bag? per R45.

TO: J. W. Kachtick

DATE: March 5, 1985

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 September 1, 1984 to February 28, 1985.

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

TTM/vm

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

DATE -----	TIME -----
NONE	

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

DATE	RESIDUAL VCM, PPM	DATE	RESIDUAL VCM, PPM
09-01-84	65	10-17-84	6
09-02-84	64	10-18-84	10
09-03-84	29	10-19-84	18
09-04-84	19	10-20-84	8
09-05-84	77	10-21-84	11
09-06-84	44	10-22-84	32
09-07-84	42	10-23-84	48
09-08-84	78	10-24-84	38
09-09-84	42	10-25-84	35
09-10-84	34	10-26-84	28
09-11-84	26	10-27-84	18
09-12-84	35	10-28-84	15
09-13-84	39	10-29-84	7
09-14-84	31	10-30-84	38
09-15-84	58	10-31-84	38
09-16-84	44	11-01-84	27
09-17-84	54	11-02-84	20
09-18-84	24	11-03-84	40
09-19-84	20	11-04-84	25
09-20-84	24	11-05-84	22
09-21-84	22	11-06-84	18
09-22-84	27	11-07-84	19
09-23-84	59	11-08-84	17
09-24-84	18	11-09-84	INSTRUMENT O/S
09-25-84	18	11-10-84	18
09-26-84	20	11-11-84	82
09-27-84	28	11-12-84	35
09-28-84	33	11-13-84	40
09-29-84	64	11-14-84	23
09-30-84	35	11-15-84	27
10-01-84	32	11-16-84	34
10-02-84	46	11-17-84	23
10-03-84	17	11-18-84	32
10-04-84	98	11-19-84	37
10-05-84	31	11-20-84	98
10-06-84	23	11-21-84	40
10-07-84	72	11-22-84	45
10-08-84	38	11-23-84	14
10-09-84	22	11-24-84	38
10-10-84	30	11-25-84	27
10-11-84	37	11-26-84	18
10-12-84	44	11-27-84	36
10-13-84	28	11-28-84	8
10-14-84	42	11-29-84	21
10-15-84	21	11-30-84	37
10-16-84	246	12-01-84	38

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

DATE	RESIDUAL VCM, PPM	DATE	RESIDUAL VCM, PPM
12-02-84	18	01-17-85	30
12-03-84	66	01-18-85	43
12-04-84	22	01-19-85	42
12-05-84	19	01-20-85	19
12-06-84	14	01-21-85	33
12-07-84	35	01-22-85	35
12-08-84	16	01-23-85	48
12-09-84	114	01-24-85	116
12-10-84	46	01-25-85	44
12-11-84	10	01-26-85	41
12-12-84	11	01-27-85	19
12-13-84	16	01-28-85	17
12-14-84	17	01-29-85	19
12-15-84	25	01-30-85	19
12-16-84	30	01-31-85	24
12-17-84	41	02-01-85	212
12-01-84	26	02-02-85	41
12-19-84	35	02-03-85	25
12-20-84	113	02-04-85	13
12-21-84	45	02-05-85	27
12-22-84	290	02-06-85	17
12-23-84	58	02-07-85	10
12-24-84	21	02-08-85	14
12-25-84	27	02-09-85	14
12-26-84	9	02-10-85	13
12-27-84	14	02-11-85	8
12-28-84	101	02-12-85	14
12-29-84	30	02-13-85	34
12-30-84	55	02-14-85	17
12-31-84	29	02-15-85	18
01-01-85	10	02-16-85	26
01-02-85	13	02-17-85	8
01-03-85	37	02-18-85	10
01-04-85	217	02-19-85	28
01-05-85	62	02-20-85	23
01-06-85	59	02-21-85	7
01-07-85	17	02-22-85	28
01-08-85	12	02-23-85	20
01-09-85	54	02-24-85	16
01-10-85	27	02-25-85	9
01-11-85	30	02-26-85	8
01-12-85	76	02-27-85	16
01-13-85	56	02-28-85	7
01-14-85	32		
01-15-85	43		
01-16-85	66		

TABLE 3
REACTOR OPENING EMISSIONS
Per 41-CFR-61.70 (c) (3)

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

DATE	C PER 61.70 (q) (5) (i)	DATE	C PER 61.70 (q) (5) (i)
	-5		-5
09-03-84	0.2988 x 10	11-13-84	2.0186 x 10
09-04-84	0.0976 x "	11-13-84	1.0150 x "
09-06-84	0.3106 x "	11-15-84	1.4948 x "
09-07-84	11.3636 x "	11-16-84	0.0682 x "
09-10-84	0.2394 x "	11-20-84	0.1022 x "
09-11-84	0.6416 x "	11-21-84	2.4992 x "
09-13-84	1.2114 x "	11-22-84	1.9620 x "
09-14-84	0.0279 x "	11-26-84	0.7336 x "
09-16-84	0.2520 x "	11-27-84	0.1574 x "
09-16-84	0.3559 x "	11-29-84	1.5976 x "
09-19-84	0.0739 x "	11-30-84	0.8166 x "
09-20-84	0.9542 x "	12-02-84	0.3981 x "
09-21-84	0.7096 x "	12-03-84	0.2023 x "
09-25-84	1.2652 x "	12-04-84	3.0329 x "
09-25-84	0.7253 x "	12-06-84	2.9725 x "
09-26-84	0.4008 x "	12-06-84	97.5813 x "
10-01-84	0.4472 x "	12-07-84	4.5931 x "
10-02-84	1.1057 x "	12-10-84	0.5941 x "
10-08-84	2.1390 x "	12-10-84	1.4725 x "
10-09-84	No samples	12-12-84	0.4304 x "
10-10-84	1.2529 x "	12-13-84	0.5495 x "
10-11-84	0.0853 x "	12-14-84	2.2075 x "
10-15-84	0.0893 x "	12-14-84	1.1792 x "
10-17-84	0.4442 x "	12-15-84	0.1777 x "
10-17-84	1.1697 x "	12-19-84	2.8022 x "
10-20-84	0.6066 x "	12-20-84	0.1936 x "
10-21-84	0.6823 x "	12-21-84	1.0214 x "
10-22-84	0.0124 x "	12-22-84	1.7209 x "
10-22-84	0.5879 x "	12-24-84	0.0640 x "
10-23-84	1.2928 x "	12-25-84	0.3081 x "
10-24-84	0.0370 x "	12-26-84	0.0877 x "
10-25-84	0.1647 x "	12-27-84	0.4247 x "
10-28-84	0.0880 x "	12-28-84	0.1611 x "
10-29-84	0.5793 x "	12-28-84	1.7001 x "
10-30-84	2.3152 x "	01-03-85	1.6357 x "
10-31-84	0.2467 x "	01-04-85	1.9780 x "
11-06-84	0.1728 x "	01-10-85	1.1394 x "
11-07-84	1.1546 x "	01-11-85	0.1239 x "
11-08-84	0.3649 x "	01-14-85	0.1806 x "
11-08-84	0.1186 x "	01-14-85	8.1684 x "
11-09-84	0.3260 x "	01-15-85	0.7005 x "
11-13-84	0.7027 x "	01-15-85	0.3402 x "

TABLE 3 (cont'd)

REACTOR OPENING EMISSIONS

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

-5 Kg VCM Emissions
 LIMIT: 2.000×10 -----
 Kg PVC Produced

DATE	C PER 61.70 (q) (5) (i)
----	-----
	-5
01-16-85	39.2963 x 10
01-16-85	0.1089 x "
01-16-85	0.1778 x "
01-24-85	0.3791 x "
01-25-85	0.9890 x "
01-28-85	0.2712 x "
01-28-85	0.2068 x "
01-30-85	0.4179 x "
01-31-85	0.8511 x "
02-01-85	5.6043 x "
02-01-85	0.5019 x "
02-04-85	0.2075 x "
02-05-85	0.3997 x "
02-08-85	0.3368 x "
02-11-85	0.8875 x "
02-11-85	0.0019 x "
02-12-85	0.6715 x "
02-13-85	0.0395 x "
02-18-85	3.4474 x "
02-19-85	0.3785 x "
02-21-85	0.7539 x "
02-22-85	0.0764 x "
02-25-85	2.3992 x "
02-25-85	1.4129 x "