Constituent	CAS No.	RAC (ug/m^3)
Methoxychlor	72–43–5	50
Methyl Chlorocarbonate	79–22–1	1000
Methyl Ethyl Ketone	78–93–3	80
Methyl Parathion	298–00–0	0.3
Nickel Cyanide	557–19–7	20
Nitric Oxide	10102–43–9	100
Nitrobenzene	98–95–3	0.8
Pentachlorobenzene	608–93–5	0.8
Pentachlorophenol	87–86–5	30
Phenol	108–95–2	30
M-Phenylenediamine	108–45–2	5
Phenylmercuric Acetate	62–38–4	0.075
Phosphine	7803–51–2	0.3
Phthalic Anhydride	85–44–9	2000
Potassium Cyanide	151–50–8	50
Potassium Silver Cyanide	506–61–6	200
Pyridine	110–86–1	1
Selenious Acid	7783–60–8	3
Selenourea	630–10–4	5
Silver	7440–22–4	3
Silver Cyanide	506–64–9	100
Sodium Cyanide	143–33–9	30
Strychnine	57–24–9	0.3
1,2,4,5-Tetrachlorobenzene	95–94–3	0.3
2,3,4,6-Tetrachlorophenol	58–90–2	30
Tetraethyl Lead	78–00–2	0.0001
Tetrahydrofuran	109–99–9	10
Thallic Oxide	1314–32–5	0.3
Thallium	7440–28–0	0.5
Thallium (I) Acetate	563–68–8	0.5
Thallium (I) Carbonate	6533–73–9	0.3
Thallium (I) Chloride	7791–12–0	0.3
Thallium (I) Nitrate	10102–45–1	0.5
Thallium Selenite	12039–52–0	0.5
Thallium (I) Sulfate	7446–18–6	0.075
Thiram	137–26–8	5
Toluene	108–88–3	300
1,2,4-Trichlorobenzene	120–82–1	20
Trichloromonofluoromethane	75–69–4	300
2,4,5-Trichlorophenol	95–95–4	100
Vanadium Pentoxide	1314–62–1	20
Warfarin	81–81–2	0.3
Xylenes	1330–20–7	80
Zinc Cyanide	557–21–1	50
Zinc Phosphide	1314–84–7	0.3

*The RAC for other appendix VIII part 261 constituents not listed herein or in appendix V of this part is 0.1 ug/m.^{3}

[56 FR 7232, Feb. 21, 1991; 56 FR 32691, July 17, 1991, as amended at 71 FR 40277, July 14, 2006]

APPENDIX V TO PART 266—RISK SPECIFIC DOSES (10^{-5})

Constituent	CAS No.	Unit risk (m^3/µg)	RsD (µg/m^3)
Acrylamide	79–06–1	1.3E−03	7.7E−03
Acrylonitrile	107–13–1	6.8E−05	1.5E−01
Aldrin	309–00–2	4.9E−03	2.0E−03
Aniline	62–53–3	7.4E−06	1.4E + 00
Arsenic	7440–38–2	4.3E−03	2.3E−03
Benz(a)anthracene	56–55–3	8.9E−04	1.1E−02
Benzene	71–43–2	8.3E−06	1.2E + 00
Benzidine	92–87–5	6.7E−02	1.5E−04
Benzo(a)pyrene	50–32–8	3.3E−03	3.0E−03
Beryllium	7440–41–7	2.4E−03	4.2E−03
Bis(2-chloroethyl)ether	111–44–4	3.3E−04	3.0E−02
Bis(chloromethyl)ether	542–88–1	6.2E−02	1.6E−04
Bis(2-ethylhexyl)-phthalate	117–81–7	2.4E−07	4.2E + 01
1,3-Butadiene	106–99–0	2.8E−04	3.6E−02
Cadmium	7440–43–9	1.8E−03	5.6E−03
Carbon Tetrachloride	56–23–5	1.5E−05	6.7E−01
Chlordane	57–74–9	3.7E−04	2.7E−02
Chloroform	67–66–3	2.3E−05	4.3E−01
Chloromethane	74–87–3	3.6E−06	2.8E + 00
Chromium VI	7440–47–3	1.2E−02	8.3E−04
DDT	50–29–3	9.7E−05	1.0E−01
Dibenz(a,h)anthracene	53–70–3	1.4E−02	7.1E−04
1,2-Dibromo-3-chloropropane	96–12–8	6.3E−03	1.6E−03
1,2-Dibromoethane	106–93–4	2.2E−04	4.5E−02
1,1-Dichloroethane	75–34–3	2.6E−05	3.8E−01
1,2-Dichloroethane	107–06–2	2.6E−05	3.8E−01
1,1-Dichloroethylene	75–35–4	5.0E−05	2.0E−01
1,3-Dichloropropene	542–75–6	3.5E−01	2.9E−05
Dieldrin	60–57–1	4.6E−03	2.2E−03
Diethylstilbestrol	56–53–1	1.4E−01	7.1E−05
Dimethylnitrosamine	62–75–9	1.4E−02	7.1E−04
2,4-Dinitrotoluene	121–14–2	8.8E−05	1.1E−01
1,2-Diphenylhydrazine	122–66–7	2.2E−04	4.5E−02
1,4-Dioxane	123–91–1	1.4E−06	7.1E + 00
Epichlorohydrin	106–89–8	1.2E−06	8.3E + 00
Ethylene Oxide	75–21–8	1.0E−04	1.0E−01
Ethylene Dibromide	106–93–4	2.2E−04	4.5E−02
Formaldehyde	50–00–0	1.3E−05	7.7E−01
Heptachlor	76–44–8	1.3E−03	7.7E−03
Heptachlor Epoxide	1024–57–3	2.6E−03	3.8E−03

Constituent	CAS No.	Unit risk ($m^3/\mu g$)	RsD ($\mu g/m^3$)
Hexachlorobenzene	118–74–1	4.9E – 04	2.0E – 02
Hexachlorobutadiene	87–68–3	2.0E – 05	5.0E – 01
Alpha-hexachloro-cyclohexane	319–84–6	1.8E – 03	5.6E – 03
Beta-hexachloro-cyclohexane	319–85–7	5.3E – 04	1.9E – 02
Gamma-hexachloro-cyclohexane	58–89–9	3.8E – 04	2.6E – 02
Hexachlorocyclo-hexane, Technical	.....	5.1E – 04	2.0E – 02
Hexachlorodibenzo-p-dioxin(1,2 Mixture)	.....	1.3E + 0	7.7E – 06
Hexachloroethane	67–72–1	4.0E – 06	2.5E + 00
Hydrazine	302–01–2	2.9E – 03	3.4E – 03
Hydrazine Sulfate	302–01–2	2.9E – 03	3.4E – 03
3-Methylcholanthrene	56–49–5	2.7E – 03	3.7E – 03
Methyl Hydrazine	60–34–4	3.1E – 04	3.2E – 02
Methylene Chloride	75–09–2	4.1E – 06	2.4E + 00
4,4′-Methylene-bis-2-chloroaniline	101–14–4	4.7E – 05	2.1E – 01
Nickel	7440–02–0	2.4E – 04	4.2E – 02
Nickel Refinery Dust	7440–02–0	2.4E – 04	4.2E – 02
Nickel Subsulfide	12035–72–2	4.8E – 04	2.1E – 02
2-Nitropropane	79–46–9	2.7E – 02	3.7E – 04
N-Nitroso-n-butylamine	924–16–3	1.6E – 03	6.3E – 03
N-Nitroso-n-methylurea	684–93–5	8.6E – 02	1.2E – 04
N-Nitrosodiethylamine	55–18–5	4.3E – 02	2.3E – 04
N-Nitrosopyrrolidine	930–55–2	6.1E – 04	1.6E – 02
Pentachloronitrobenzene	82–68–8	7.3E – 05	1.4E – 01
PCBs	1336–36–3	1.2E – 03	8.3E – 03
Pronamide	23950–58–5	4.6E – 06	2.2E + 00
Reserpine	50–55–5	3.0E – 03	3.3E – 03
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	1746–01–6	4.5E + 01	2.2E – 07
1,1,2,2-Tetrachloroethane	79–34–5	5.8E – 05	1.7E – 01
Tetrachloroethylene	127–18–4	4.8E – 07	2.1E + 01
Thiourea	62–56–6	5.5E – 04	1.8E – 02
1,1,2-Trichloroethane	79–00–5	1.6E – 05	6.3E – 01
Trichloroethylene	79–01–6	1.3E – 06	7.7E + 00
2,4,6-Trichlorophenol	88–06–2	5.7E – 06	1.8E + 00
Toxaphene	8001–35–2	3.2E – 04	3.1E – 02
Vinyl Chloride	75–01–4	7.1E – 06	1.4E + 00

[56 FR 7232, Feb. 21, 1991, as amended at 71 FR 40277, July 14, 2006]

Appendix VI to Part 266—Stack Plume Rise

[Estimated Plume Rise (in Meters) Based on Stack Exit Flow Rate and Gas Temperature]

Flow rate (m^3/s)	Exhaust Temperature (K°)										
	<325	325–349	350–399	400–449	450–499	500–599	600–699	700–799	800–999	1000–1499	>1499
<0.5	0	0	0	0	0	0	0	0	0	0	0
0.5–0.9	0	0	0	0	0	0	0	0	1	1	1
1.0–1.9	0	0	0	0	1	1	2	3	3	3	4
2.0–2.9	0	0	1	3	4	4	6	6	7	8	9
3.0–3.9	0	1	2	5	6	7	9	10	11	12	13
4.0–4.9	1	2	4	6	8	10	12	13	14	15	17
5.0–7.4	2	3	5	8	10	12	14	16	17	19	21
7.5–9.9	3	5	8	12	15	17	20	22	22	23	24
10.0–12.4	4	6	10	15	19	21	23	24	25	26	27
12.5–14.9	4	7	12	18	22	23	25	26	27	28	29
15.0–19.9	5	8	13	20	23	24	26	27	28	29	31
20.0–24.9	6	10	17	23	25	27	29	30	31	32	34
25.0–29.9	7	12	20	25	27	29	31	32	33	35	36
30.0–34.9	8	14	22	26	29	31	33	35	36	37	39
35.0–39.9	9	16	23	28	30	32	35	36	37	39	41
40.0–49.9	10	17	24	29	32	34	36	38	39	41	42
50.0–59.9	12	21	26	31	34	36	39	41	42	44	46
60.0–69.9	14	22	27	33	36	39	42	43	45	47	49
70.0–79.9	16	23	29	35	38	41	44	46	47	49	51
80.0–89.9	17	25	30	36	40	42	46	48	49	51	54
90.0–99.9	19	26	31	38	42	44	48	50	51	53	56
100.0–119.9	21	26	32	39	43	46	49	52	53	55	58
120.0–139.9	22	28	35	42	46	49	52	55	56	59	61
140.0–159.9	23	30	36	44	48	51	55	58	59	62	65
160.0–179.9	25	31	38	46	50	54	58	60	62	65	67
180.0–199.9	26	32	40	48	52	56	60	63	65	67	70