

Includes Revisions



Minnesota Pollution Control Agency

October 6, 2003

Dear Air Facility Operator:

The Minnesota Pollution Control Agency (MPCA) has prepared the enclosed summary of your facilities' criteria pollutant emissions, based on the information provided in your emission inventory submitted for 2002. The MPCA will use this information to calculate your annual Air Emission Fee, which is based on the actual nitrogen oxide (NO_x), lead (Pb), particulate matter smaller than 10 micrometers in diameter (PM₁₀), sulfur dioxide (SO₂), and volatile organic compounds (VOCs) emissions your sources emit to the air. The fee rule, Minn. R. 7002.0015 to 7002.0085, gives the MPCA the authority to charge fees for air emissions.

Please review the enclosed emissions summary. If you feel the estimated 2002 emissions are incorrect, please send a letter to Paul Kim or Michael Smith by November 21, 2003, requesting the emissions be changed and clearly explaining what you believe to be in error. MPCA staff will respond in writing, whether the request has been accepted or denied. Please note we are requesting your response earlier than in previous years. MPCA is requesting emissions changes earlier this year to ensure we will meet the inventory reporting deadline to the U. S. Environmental Protection Agency.

As usual, the 2003 emission inventory forms will be mailed to your facility in a separate mailing in the middle of December 2003.

If there has been a facility or mailing address change, a facility name change or if there has been an ownership change, they must be reflected in your permit. Please call the MPCA Customer Assistance Center at (651) 282-5844 or 1-800-646-6247 (out-state Minnesota only, please) to request a MOD-73 (Administrative Amendment Request) form, a MGI-01 (Permit Amendment Application Facility Information) form and a MCR-01 (Permit Amendment Application Certification) form. These forms can also be obtained by accessing our website at <http://www.pca.state.mn.us/air/permits/forms.html#forms>. They must be completed before changes of this nature can be made to your facility's permit.

If you have any questions about completing the Inventory, please contact Paul Kim at (651) 296-7310 or Michael Smith at (651) 282-5849.

Sincerely,

Todd J. Biewen
Supervisor, Environmental Data Management Unit
Environmental Outcomes Division

TJB:mbo

Enclosures





Air Emissions Summary For Year 2002

Minnesota Pollution Control Agency

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NSP dba Xcel Energy Monticello Nuclear (Facility ID#: 17100019)

Unit#	Unit Description	Seg	Seg Description	SCC	Pollutant	Emission Factor (lb/unit)	Calculation Method	Throughput	Units	Control Equipment	Contr%	Capt%	Comb%	Actual tons
EU 001	Boiler	1	#2 fuel oil	10200501	CO	5.0000	AP-42/FIRE	271.74	1000 gallo					.88
					Lead	.0013	AP-42/FIRE	271.74	1000 gallo			.00		
					NOx	24.0000	AP-42/FIRE	271.74	1000 gallo			3.26		
					PM	3.3000	AP-42/FIRE	271.74	1000 gallo			.45		
					PM10	2.3000	AP-42/FIRE	271.74	1000 gallo			.31		
					SO2	142.0000	AP-42/FIRE	271.74	1000 gallo			.96		
					VOC	.2000	AP-42/FIRE	271.74	1000 gallo			.03		
EU 002	Diesel Generator 11	1	Diesel	20200401	CO	111.0000	Other	4.66	1000 gallo					.27
					NOx	425.0000	Other	4.66	1000 gallo			1.02		
					PM	9.5500	AP-42/FIRE	4.66	1000 gallo			.02		
					PM10	7.8500	AP-42/FIRE	4.66	1000 gallo			.02		
					SO2	138.0000	AP-42/FIRE	4.66	1000 gallo			.02		
					VOC	13.7000	Other	4.66	1000 gallo			.03		
EU 003	Diesel Generator 12	1	Diesel	20200401	CO	111.0000	Other	5.66	1000 gallo					.33
					NOx	425.0000	Other	5.66	1000 gallo			1.24		
					PM	9.5500	AP-42/FIRE	5.66	1000 gallo			.03		
					PM10	7.8500	AP-42/FIRE	5.66	1000 gallo			.02		
					SO2	138.0000	AP-42/FIRE	5.66	1000 gallo			.02		
					VOC	13.7000	Other	5.66	1000 gallo			.03		
EU 004	Security Diesel Genera	1	Diesel	20100102	CO	130.0000	AP-42/FIRE	.12	1000 gallo					.01
					NOx	604.0000	AP-42/FIRE	.12	1000 gallo			.04		
					PM	42.5000	AP-42/FIRE	.12	1000 gallo			.00		
					PM10	42.5000	AP-42/FIRE	.12	1000 gallo			.00		
					SO2	39.7000	AP-42/FIRE	.12	1000 gallo			.00		
					VOC	49.3000	AP-42/FIRE	.12	1000 gallo			.00		
EU 005	Fire Pump Diesel Engin	1	Diesel	20100102	CO	130.0000	AP-42/FIRE	.31	1000 gallo					.02
					NOx	604.0000	AP-42/FIRE	.31	1000 gallo			.09		
					PM	42.5000	AP-42/FIRE	.31	1000 gallo			.01		
					PM10	42.5000	AP-42/FIRE	.31	1000 gallo			.01		
					SO2	39.7000	AP-42/FIRE	.31	1000 gallo			.01		
					VOC	49.3000	AP-42/FIRE	.31	1000 gallo			.01		
EU 006	Diesel Generator 13	1	Diesel	20200401	CO	111.0000	Other	2.34	1000 gallo					.14
					NOx	2.5730	Stack test	320.60	Million BT			.41		
					PM	9.5500	AP-42/FIRE	2.34	1000 gallo			.01		
					PM10	7.8500	AP-42/FIRE	2.34	1000 gallo			.01		
					SO2	138.0000	AP-42/FIRE	2.34	1000 gallo			.08		

Updated 1/6/05



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NSP dba Xcel Energy Monticello Nuclear (Facility ID#: 17100019)

EU ID	Engine Type	Count	Fuel Type	Facility ID	Pollutant	Quantity	Control	Unit	Other	Quantity	Unit	Other	Quantity
EU 007	Temporary Engine > 60	1	Diesel	20200401	VOC	13.7000			Other:	2.34	1000 gallo		.02
					CO	111.0000	AP-42/FIRE			.00	1000 gallo		.00
					NOx	425.0000	AP-42/FIRE			.00	1000 gallo		.00
					PM	9.5500	AP-42/FIRE			.00	1000 gallo		.00
					PM10	7.8500	AP-42/FIRE			.00	1000 gallo		.00
					SO2	138.0000	AP-42/FIRE			.00	1000 gallo		.00
					VOC	13.7000	AP-42/FIRE			.00	1000 gallo		.00
EU 008	Temporary Engine < 60	1	Diesel	20100102	CO	130.0000	AP-42/FIRE			.00	1000 gallo		.00
					NOx	604.0000	AP-42/FIRE			.00	1000 gallo		.00
					PM	42.5000	AP-42/FIRE			.00	1000 gallo		.00
					PM10	42.5000	AP-42/FIRE			.00	1000 gallo		.00
					SO2	38.7000	AP-42/FIRE			.00	1000 gallo		.00
					VOC	49.3000	AP-42/FIRE			.00	1000 gallo		.00
					Total								
					CO	1.45							
					NOx	6.06							
					Pb	.00							
					PM10	.37							
					PM	.52							
					SO2	1.09							
					VOC	.12							

06/28/05 TUE 13:03 FAX 6123306357

XCEL ENERGY ENV SVCS