Xcel Energy℠

MEMORANDUM

Date: 3/10/03

To: Distribution

From: Sarah Butrymowicz, Environmental Services

Reference: RY 2001 Emission Inventory Summaries

Attached is your facility's Emission Summary for reporting year 2001 for your records. The summary is based on the operation data that was submitted on the 2001 Emission Inventory completed a year ago and supplemental information submitted by Environmental Services.

Environmental Services reviewed the Emission Summaries before the MPCA finalized the worksheets. Due to limited staff, the MPCA only updated the "actual tons" column and did not update emission factors; thus this document cannot be used for calculating emissions. Again, the MPCA did update the "actual tons" which is the section of the report that is utilized by the MPCA to determine emission fees.

If there are any questions, please contact me at 612-330-7630.

cc: Lee Eberley, Manager w/o attachments
Rick Rosvold, w/attachments
Nancy Stafki, w/attachments
John Chelstrom, w/attachments
Alma Allen-Webb, w/attachments
ES Record Center, w/attachments

ML052010

Distribution List

Scott Anton – High Bridge
Brian Anderson – United Healthcare, Alliant Techsystems, Granite City
Steve Chapman – West Faribault, Blue Lake, Key City, Inver Hills
Mary Dieltz – Sherco
Bill Eberle – Riverside
Gary Kolle – Prairie Island
Rick Latsch – Monticello
Mike Miser – Allen S. King
Karen Olson – Maple Grove
Jim Paris – Black Dog
Ron Shilts – Wescott
Nancy Stafki – General Office
Nathan Svoboda – Wilmarth
Gloria Teiszen – Mn Valley
Arthur Zimmerman – Red Wing

Air Emissions Summary For Year 2001

Minnesota Pollution Control Agency

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	252.18	1000 gallo					.63
					Lead	.0013	AP-42/FIRE	252.18	1000 gallo					.00
					NOx	.1870	Stack test	34,548.66	Million BT					3.23
					PM	3.3000	AP-42/FIRE	252.18	1000 gallo					.42
					PM10	2.3000	AP-42/FIRE	252.18	1000 gallo					.29
					SO2	157.0000	AP-42/FIRE	252.18	1000 gallo					9.90
					VOC	.2000	AP-42/FIRE	252.18	1000 gallo					.03
EU 002	Diesel Generator 11	1	Diesel	20100102	CO	130.0000	Other	5.97	1000 gallo					.35
					NOx	604.0000	Other	5.97	1000 gallo					1.31
					PM	42.5000	Other	5.97	1000 gallo					.03
					PM10	42.5000	Other	5.97	1000 gallo					.02
					SO2	39.7000	Other	5.97	1000 gallo					.21
					VOC	49.3000	Other	5.97	1000 gallo					.04
EU 003	Diesel Generator 12	1	Diesel	20100102	CO	130.0000	Other	4.91	1000 gallo					.29
					NOx	604.0000	Other	4.91	1000 gallo					1.08
					PM	42.5000	Other	4.91	1000 gallo					.02
					PM10	42.5000	Other	4.91	1000 gallo					.02
					SO2	39.7000	Other	4.91	1000 gallo					.17
					VOC	49.3000	Other	4.91	1000 gallo					.03
EU 004	Security Diesel Genera	1	Diesel	20100102	CO	130.0000	AP-42/FIRE	.10	1000 gallo					.01
					NOx	604.0000	AP-42/FIRE	.10	1000 gallo					.03
					PM	42.5000	AP-42/FIRE	.10	1000 gallo					.00
					PM10	42.5000	AP-42/FIRE	.10	1000 gallo					.00
					SO2	39.7000	AP-42/FIRE	.10	1000 gallo					.00
					VOC	49.3000	AP-42/FIRE	.10	1000 gallo					.00
EU 005	Fire Pump Diesel Engir	1	Diesel	20100102	CO	130.0000	AP-42/FIRE	.32	1000 gallo					.02
					NOx	604.0000	AP-42/FIRE	.32	1000 gallo					.10
					PM	42.5000	AP-42/FIRE	.32	1000 gallo					.01
					PM10	42.5000	AP-42/FIRE	.32	1000 gallo					.01
					SO2	39.7000	AP-42/FIRE	.32	1000 gallo					.01
					VOC	49.3000	AP-42/FIRE	.32	1000 gallo					.01
EU 006	Diesel Generator 13	1	Diesel	20100102	CO	130.0000	Other	2.22	1000 gallo					.13
					NOx	2.5730	Stack test	304.14	Million BT					.39
					PM	42.5000	Other	2.22	1000 gallo					.01
					PM10	42.5000	Other	2.22	1000 gallo					.01
					SO2	39.7000	Other	2.22	1000 gallo					.08

Air Emissions Summary For Year 2001

Minnesota Pollution Control Agency

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

					VOC	49.3000	Other	2.22	1000 gallo					.01
EU 007	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	39.7000	AP-42/FIRE	.00	1000 gallo					.00
					VOC	49.3000	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	39.7000	AP-42/FIRE	.00	1000 gallo					.00
					VOC	49.3000	AP-42/FIRE	.00	1000 gallo					.00
				Total	CO	1.43								
					NOx	6.14								
					Pb	.00								
					PM10	.35								
					PM	.49								
					SO2	10.37								
					VOC	.12								