

**AIR EMISSION PERMIT NO. 01900059-002
(ADMINISTRATIVE AMENDMENT)
IS ISSUED TO**

CITY OF CHASKA

AND

MINNESOTA MUNICIPAL POWER AGENCY – MINNESOTA RIVER STATION
Chaska, Carver County, MN 55318

The emission units, control equipment and emission stacks at the stationary source authorized in this permit are as described in the following permit application:

Permit Type	Application Date
Total Facility Operating Permit	December 27, 1999

This permit amends Air Emission Permit No. 01900059-001 and authorizes the Permittee to operate the stationary source at the address listed above unless otherwise noted in Table A. The Permittee must comply with all the conditions of the permit. Any changes or modifications to the stationary source must be performed in compliance with Minn. R. 7007.1150 to 7007.1500. Terms used in the permit are as defined in the state air pollution control rules unless the term is explicitly defined in the permit.

Permit Type: Federal; Part 70; Limits to avoid NSR	Amendment Type: Administrative
Issue Date: August 7, 2000	Issue Date: June 28, 2001

Expiration: August 7, 2005

All Title I Conditions do not expire.

Richard J. Sandberg, Manager
Major Facilities Section
Metro District

For Karen A. Studders, Commissioner
Minnesota Pollution Control Agency

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NOTICE TO THE PERMITTEE:

Your stationary source may be subject to the requirements of the Minnesota Pollution Control Agency's (MPCA) solid waste, hazardous waste, and water quality programs. If you wish to obtain information on these programs, including information on obtaining any required permits, please contact the MPCA general information number at:

Metro Area	(651) 296-6300
Outside Metro Area	1-800-657-3864
TTY	(651) 282-5332

The rules governing these programs are contained in Minn. R. chs. 7000-7105. Written questions may be sent to: Minnesota Pollution Control Agency, 520 Lafayette Road North, St. Paul, Minnesota 55155-4194.

Questions about this air emission permit or about air quality requirements can also be directed to the telephone numbers and address listed above.

PERMIT SHIELD:

Subject to the limitations in Minn. R. 7007.1800, compliance with the conditions of this permit shall be deemed compliance with the specific provision of the applicable requirement identified in the permit as the basis of each condition. Subject to the limitations of Minn. R. 7007.1800 and 7017.0100, subp. 2, notwithstanding the conditions of this permit specifying compliance practices for applicable requirements, any person (including the Permittee) may also use other credible evidence to establish compliance or noncompliance with applicable requirements.

FACILITY DESCRIPTION:

The Minnesota Municipal Power Agency (MMPA) includes the cities of Anoka, Arlington, Brownton, Chaska, Le Sueur, North St. Paul, Olivia, and Winthrop. The city of Shakopee is served as a customer by MMPA. MMPA is proposing to construct an electric generating station near Chaska, to be known as the Minnesota River Station (MRS). The city of Chaska will own the station and MMPA will manage the operation. MRS will consist of one simple cycle combustion turbine driving an electrical generator rated to produce 48.7 megawatts. The turbine will be capable of operating on natural gas, expected to be the primary fuel, with distillate fuel oil for backup. The facility also includes aboveground storage for the fuel oil.

AMENDMENT DESCRIPTION:

This permit amendment is an MPCA-initiated administrative amendment. It implements the current MPCA air dispersion modeling policy and imposes additional requirements on the Permittee.

TABLE A: LIMITS AND OTHER REQUIREMENTS

06/28/01

Facility Name: MPPA - Minnesota River Station

Permit Number: 01900059 - 002

Table A contains limits and other requirements with which your facility must comply. The limits are located in the first column of the table (What To do). The limits can be emission limits or operational limits. This column also contains the actions that you must take and the records you must keep to show that you are complying with the limits. The second column of Table A (Why to do it) lists the regulatory basis for these limits. Appendices included as conditions of your permit are listed in Table A under total facility requirements.

Subject Item:**Total Facility**

What to do	Why to do it
This facility is subject to the federal Acid Rain Program, based on Title IV of the Clean Air Act. Certain Acid Rain Program requirements are included in Table A and/or Table B for MPCA tracking purposes. All Acid Rain Program requirements are referenced in the Phase II Permit Application attached to this permit as an Appendix.	40 CFR pts. 72 - 75
Operation and Maintenance Plan: Retain at the stationary source an operation and maintenance plan for all air pollution control equipment.	Minn. R. 7007.0800, subp. 14 and Minn. R. 7007.0800, subp. 16(J)
Performance Testing: Conduct all performance tests in accordance with Minn. R. ch. 7017 unless otherwise noted in Tables A, B, and/or C.	Minn. R. ch. 7017
Limits set as a result of a performance test (conducted before or after permit issuance) apply until superseded as specified by Minn. R. 7017.2025 following formal review of a subsequent performance test on the same unit.	Minn. R. 7017.2025
Monitoring Equipment Calibration: Annually calibrate all required monitoring equipment (any requirements applying to continuous emission monitors are listed separately in this permit).	Minn. R. 7007.0800, subp. 4(D)
Operation of Monitoring Equipment: Unless otherwise noted in Tables A, B, and/or C, monitoring a process or control equipment connected to that process is not necessary during periods when the process is shutdown, or during checks of the monitoring systems, such as calibration checks and zero and span adjustments. If monitoring records are required, they should reflect any such periods of process shutdown or checks of the monitoring system.	Minn. R. 7007.0800, subp. 4(D)
Circumvention: Do not install or use a device or means that conceals or dilutes emissions, which would otherwise violate a federal or state air pollution control rule, without reducing the total amount of pollutant emitted.	Minn. R. 7011.0020
Shutdown Notifications: Notify the Commissioner at least 24 hours in advance of a planned shutdown of any control equipment or process equipment if the shutdown would cause any increase in the emissions of any regulated air pollutant. If the owner or operator does not have advance knowledge of the shutdown, notification shall be made to the Commissioner as soon as possible after the shutdown. However, notification is not required in the circumstances outlined in Items A, B and C of Minn. R. 7019.1000, subp. 3. At the time of notification, the owner or operator shall inform the Commissioner of the cause of the shutdown and the estimated duration. The owner or operator shall notify the Commissioner when the shutdown is over.	Minn. R. 7019.1000, subp. 3
Breakdown Notifications: Notify the Commissioner within 24 hours of a breakdown of more than one hour duration of any control equipment or process equipment if the breakdown causes any increase in the emissions of any regulated air pollutant. The 24-hour time period starts when the breakdown was discovered or reasonably should have been discovered by the owner or operator. However, notification is not required in the circumstances outlined in Items A, B and C of Minn. R. 7019.1000, subp. 2. At the time of notification or as soon as possible thereafter, the owner or operator shall inform the Commissioner of the cause of the breakdown and the estimated duration. The owner or operator shall notify the Commissioner when the breakdown is over.	Minn. R. 7019.1000, subp. 2
Notification of Deviations Endangering Human Health or the Environment: As soon as possible after discovery, notify the Commissioner or the state duty officer, either orally or by facsimile, of any deviation from permit conditions which could endanger human health or the environment.	Minn. R. 7019.1000, subp. 1
Notification of Deviations Endangering Human Health or the Environment Report: Within 2 working days of discovery, notify the Commissioner in writing of any deviation from permit conditions which could endanger human health or the environment. Include the following information in this written description: 1. the cause of the deviation; 2. the exact dates of the period of the deviation, if the deviation has been corrected; 3. whether or not the deviation has been corrected; 4. the anticipated time by which the deviation is expected to be corrected, if not yet corrected; and 5. steps taken or planned to reduce, eliminate, and prevent reoccurrence of the deviation.	Minn. R. 7019.1000, subp. 1

TABLE A: LIMITS AND OTHER REQUIREMENTS

06/28/01

Facility Name: MMPA - Minnesota River Station

Permit Number: 01900059 - 002

Operation Changes: In any shutdown, breakdown, or deviation the Permittee shall immediately take all practical steps to modify operations to reduce the emission of any regulated air pollutant. The Commissioner may require feasible and practical modifications in the operation to reduce emissions of air pollutants. No emissions units that have an unreasonable shutdown or breakdown frequency of process or control equipment shall be permitted to operate.	Minn. R. 7019.1000, subp. 4
Air Pollution Control Equipment: Operate all pollution control equipment whenever the corresponding process equipment and emission units are operated, unless otherwise noted in Table A.	Minn. R. 7007.0800, subp. 2; Minn. R. 7007.0800, subp. 16(J)
Fugitive Emissions: Do not cause or permit the handling, use, transporting, or storage of any material in a manner which may allow avoidable amounts of particulate matter to become airborne. Comply with all other requirements listed in Minn. R. 7011.0150.	Minn. R. 7011.0150
Application for Permit Amendment: If a permit amendment is needed, submit an application in accordance with the requirements of Minn. R. 7007.1150 through Minn. R. 7007.1500. Submittal dates vary, depending on the type of amendment needed.	Minn. R. 7007.1150 through Minn. R. 7007.1500
Extension Requests: The Permittee may apply for an Administrative Amendment to extend a deadline in a permit by no more than 120 days, provided the proposed deadline extension meets the requirements of Minn. R. 7007.1400, subp. 1(H).	Minn. R. 7007.1400, subp. 1(H)
Recordkeeping: Maintain records describing any insignificant modifications (as required by Minn. R. 7007.1250, subp. 3) or changes contravening permit terms (as required by Minn. R. 7007.1350 subp. 2), including records of the emissions resulting from those changes.	Minn. R. 7007.0800, subp. 5(B)
Record keeping: Retain all records at the stationary source for a period of five (5) years from the date of monitoring, sample, measurement, or report. Records which must be retained at this location include all calibration and maintenance records, all original recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. Records must conform to the requirements listed in Minn. R. 7007.0800, subp. 5(A).	Minn. R. 7007.0800, subp. 5(C); 40 CFR section 75.57(a)
Noise: The Permittee shall comply with the noise standards set forth in Minn. R. 7030.0010 to 7030.0080 at all times during the operation of any emission units. This is a state only requirement and is not enforceable by the EPA Administrator or citizens under the Clean Air Act.	Minn. R. 7030.0010 - 7030.0080
The Permittee shall comply with the General Conditions listed in Minn. R. 7007.0800, subp. 16.	Minn. R. 7007.0800, subp. 16
Inspections: The permittee shall comply with the inspection procedures and requirements as found at Minn. R. 7007.0800, subp 9(A).	Minn. R. 7007.0800, subp. 9(A)
Emission Inventory Report: due 91 days after end of each calendar year following Permit Issuance (April 1). To be submitted on a form approved by the Commissioner.	Minn. R. 7019.3000 through Minn. R. 7019.3010
Emission Fees: due 60 days after receipt of an MPCA bill.	Minn. R. 7002.0005 through Minn. R. 7002.0095

TABLE A: LIMITS AND OTHER REQUIREMENTS

06/28/01

Facility Name: MMPA - Minnesota River Station

Permit Number: 01900059 - 002

Subject Item: SV 001 Unit 001 stack**Associated Items:** EU 001 Simple Cycle combustion Turbine

What to do	Why to do it
OPTIONAL CONTINUOUS EMISSION MONITOR REQUIREMENTS	hdr
The permittee is not required to use continuous emission monitors (CEM) for sulfur dioxide or nitrogen oxides by this permit, provided the permittee complies with the requirements of 40 CFR pt. 75 Appendix D (for sulfur dioxide) and Appendix E (for nitrogen oxides). If the permittee chooses to install and operate a CEM for either sulfur dioxide or nitrogen oxides, or becomes ineligible for use of Appendix E, the permittee shall comply with the following requirements.	40 CFR Section 75.10(a)(1) and 75.10(a)(2)
Notification of CEM Installation: Notify the MPCA at least 60 days prior to installation of any CEM.	Minn. R. 7017.1040
CEMS Certification Test: due in accordance with 40 CFR Section 75.4. Certify all CEMS used for the Acid Rain Program in accordance with 40 CFR pt. 75, Appendix A.	40 CFR Section 75.4 (b)
CEM Certification Test Pretest Meeting: due 7 days before CEM Certification Test	Minn. R. 7017.1060, subp. 3
Daily Calibration Error (CE) Test: conduct daily CE testing on all CEMS required by the Acid Rain Program, in accordance with 40 CFR pt. 75, Appendix B.	40 CFR pt. 75, Appendix B, section 2.1
Linearity and Leak Check Test (Acid Rain Program): due before end of each calendar quarter following CEM Certification Test. Conduct a quarterly linearity test on CEMS required by the Acid Rain Program, in accordance with 40 CFR pt.75, Appendix B.	40 CFR pt. 75, Appendix B, section 2.2
CEMS Relative Accuracy Test Audit (RATA): due before end of each calendar half-year following CEM Certification Test. Conduct a RATA on all CEMS required by the Acid Rain Program, in accordance with 40 CFR pt. 75, Appendix B. If the RATA results indicate a relative accuracy of 7.5 % or less, the next RATA is not required for twelve months.	40 CFR pt. 75, Appendix B, section 2.3
CEMS QA/QC: The owner or operator of an affected facility shall operate, calibrate, and maintain each CEMS according to the QA/QC procedure in 40 CFR pt. 75, Appendix B as amended.	40 CFR Section 75.21
Recordkeeping: The owner or operator must retain records of all CEMS monitoring data and support information for a period of five years from the date of the monitoring sample, measurement or report. Records shall be kept at the source.	Minn. R. 7017.1130; 40 CFR Section 75.50

TABLE A: LIMITS AND OTHER REQUIREMENTS

06/28/01

Facility Name: MPPA - Minnesota River Station

Permit Number: 01900059 - 002

Subject Item: EU 001 Simple Cycle combustion Turbine**Associated Items:** SV 001 Unit 001 stack

What to do	Why to do it
MODIFICATION TO INCLUDE STEAM GENERATION	hdr
If the owner or operator proposes to modify this facility to also generate steam, either for cogeneration or to become a combined cycle electrical generating facility, the facility becomes one of the 28 named source categories in 40 CFR Section 52.21 for which the major source threshold is 100 tons per year. Such a modification is thus construction of a new major source and must comply with the requirements of 40 CFR Section 52.21 prior to commencing construction on the steam generating unit.	40 CFR Section 52.21(b)(1)(i)(a) and Section 52.21(i)(1)
ACID RAIN PROGRAM REQUIREMENTS	hdr
This facility is subject to the federal Acid Rain Program, based on Title IV of the Clean Air Act. Certain Acid Rain Program requirements are included in Table A and/or Table B for MPCA tracking purposes. All Acid Rain Program requirements are referenced in the Phase II Permit Application attached to this permit as an Appendix.	40 CFR pts. 72 - 75
EMISSION LIMITS	hdr
Sulfur Dioxide: less than or equal to 244.4 tons/year using 12-month Rolling Sum from combustion of fuel oil	Title 1 Condition: Limit to avoid classification as a major source under 40 CFR Section 52.21
Nitrogen Oxides: less than or equal to 245.7 tons/year using 12-month Rolling Sum	Title 1 Condition: Limit to avoid classification as a major source under 40 CFR Section 52.21
Nitrogen Oxides: less than or equal to 0.0111 percent by volume dry at 15 % oxygen when combusting natural gas	40 CFR Section 60.332(a)(1) and 60.332(b)
Nitrogen Oxides: less than or equal to 0.0109 percent by volume dry at 15 % oxygen when combusting fuel oil	40 CFR Section 60.332(a)(1) and 60.332(b)
Opacity: less than or equal to 20 percent opacity using 6-minute Average	Minn. R. 7011.2300, subp. 1
Sulfur Dioxide: less than or equal to 0.5 lbs/million Btu heat input	Minn. R. 7011.2300, subp. 2; most stringent, meets limit required by 40 CFR Section 60.333(b)
OPERATIONAL LIMITS AND REQUIREMENTS	hdr
Fuel Usage: limited to pipeline quality natural gas and distillate fuel oil	Minn. R. 7007.0800, subp. 2
MONITORING REQUIREMENTS	hdr
Fuel Use: Record the amount of natural gas and the amount of fuel oil combusted each month by the 15th day of the following month.	Title 1 Condition: Monitoring for Limit to avoid classification as a major source under 40 CFR Section 52.21
Sulfur Dioxide Emissions: By the 15th day of each month, calculate and record the twelve month rolling sum of sulfur dioxide emissions from fuel oil for the preceding 12 months. The monthly emission of sulfur dioxide shall be calculated using the fuel oil sulfur content determined as specified in 40 CFR Section 75.58(c) and 40 CFR pt. 75 Appendix D. Also calculate and record the sulfur dioxide emission in pounds per million Btu heat input from the fuel analysis of sulfur content, density, and heating value whenever a fuel oil sample is obtained.	Title 1 Condition: Monitoring for Limit to avoid classification as a major source under 40 CFR Section 52.21; 40 CFR Section 60.334(b)
Nitrogen Oxides Emissions: By the 15th day of each month, calculate and record the twelve month rolling sum of nitrogen oxides emissions for the preceding 12 months. The monthly emission of nitrogen oxides shall be calculated using the procedures and data required by 40 CFR pt. 75 Appendix E.	Title 1 Condition: Monitoring for Limit to avoid classification as a major source under 40 CFR Section 52.21; 40 CFR Section 60.334(b)
The Minnesota River Station (MRS) is subject to the Standards of Performance for New Stationary Gas Turbines under 40 CFR Part 60, subpart GG. MRS must continue to comply with these applicable requirements, including all applicable monitoring requirements, until an EPA-approved custom monitoring plan is issued to MRS, which meets the requirements under 40 CFR Part 60. MRS will switch to the custom monitoring plan under 40 CFR Section 60.334(b)(2) only if EPA approves of the plan.	40 CFR Section 60.334(b)
Initial Performance Test: due 60 days after achieving maximum capacity but not later than 180 days after startup, whichever occurs first, to measure sulfur dioxide, nitrogen oxides, and opacity.	Minn. R. 7017.2020, subp. 1; 40 CFR Section 60.8(a)
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4
RECORDKEEPING	hdr

TABLE A: LIMITS AND OTHER REQUIREMENTS

06/28/01

Facility Name: MPA - Minnesota River Station

Permit Number: 01900059 - 002

Recordkeeping: Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of the facility including; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.	40 CFR Section 60.7(a)(4); Minn. R. 7019.0100, subp. 1
REPORTING REQUIREMENTS	hdr
Notification of any physical or operational change which increases emission rate: due 60 days (or as soon as practical) before the change is commenced. Within 180 days of completion of any physical or operational change subject to the control measures specified in 60.14(a), compliance with all applicable standards must be achieved.	40 CFR Section 60.7(a)(4); Minn. R. 7019.0100, subp. 1

TABLE A: LIMITS AND OTHER REQUIREMENTS

06/28/01

Facility Name: MPPA - Minnesota River Station

Permit Number: 01900059 - 002

Subject Item: TK 001 fuel oil

What to do	Why to do it
Recordkeeping: Maintain on site a record of the dimensions of the storage tank and a calculation of the tank capacity in gallons	40 CFR Section 60.116b(b)

TABLE A: LIMITS AND OTHER REQUIREMENTS

06/28/01

Facility Name: MPPA - Minnesota River Station

Permit Number: 01900059 - 002

Subject Item: TK 002 fuel oil

What to do	Why to do it
Recordkeeping: Maintain on site a record of the dimensions of the storage tank and a calculation of the tank capacity in gallons	40 CFR Section 60.116b(b)

TABLE B: SUBMITTALS

06/28/01

Facility Name: MMPA - Minnesota River Station
Permit Number: 01900059 - 002

Table B lists most of the submittals required by this permit. Please note that some submittal requirements may appear in Table A or, if applicable, within a compliance schedule located in Table C. Table B is divided into two sections in order to separately list one-time only and recurrent submittal requirements.

Each submittal must be postmarked or received by the date specified in the applicable Table. Those submittals required by parts 7007.0100 to 7007.1850 must be certified by a responsible official, defined in Minn. R. 7007.0100, subp. 21. Other submittals shall be certified as appropriate if certification is required by an applicable rule or permit condition.

Send any application for a permit or permit amendment to:

Permit Technical Advisor
Permit Section
Air Quality Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

Also, where required by an applicable rule or permit condition, send to the Permit Technical Advisor notices of:

- accumulated insignificant activities,
- installation of control equipment,
- replacement of an emissions unit, and
- changes that contravene a permit term.

Unless another person is identified in the applicable Table, send all other submittals to:

Supervisor
Compliance Determination Unit
Air Quality Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

Send submittals that are required to be submitted to the U.S. EPA regional office to:

Mr. George Czerniak
Air and Radiation Branch
EPA Region V
77 West Jackson Boulevard
Chicago, Illinois 60604

Send submittals that are required by the Acid Rain Program to:

U.S. Environmental Protection Agency
Clean Air Markets Division
1200 Pennsylvania Avenue NW (6204N)
Washington, D.C. 20460

TABLE B: ONE TIME SUBMITTALS OR NOTIFICATIONS

06/28/01

Facility Name: MMPA - Minnesota River Station

Permit Number: 01900059 - 002

What to send	When to send	Portion of Facility Affected
Application for Permit Reissuance	due 180 days before expiration of Existing Permit	Total Facility
CEM Certification Test Plan	due 45 days before CEM Certification Test	SV001
CEM Certification Test Report - Microfiche Copy	due 105 days after CEM Certification Test	SV001
CEM Certification Test Report	due 30 days after CEM Certification Test	SV001
Notification of the Actual Date of Initial Startup	due 15 days after Initial Startup	EU001
Notification of the Anticipated Date of Initial Startup	due 30 days before Anticipated Date of Initial Startup	EU001
Notification of the Date Construction Began	due 30 days after Start Of Construction	EU001
Performance Test Notification (written)	due 30 days before Performance Test	EU001
Performance Test Plan	due 30 days before Performance Test	EU001
Performance Test Report - Microfiche Copy	due 105 days after Performance Test	EU001
Performance Test Report	due 45 days after Performance Test	EU001
Relative Accuracy Test Audit (RATA) Notification	due 30 days before CEMS Relative Accuracy Test Audit (RATA)	SV001
Request for Information Response	due 1,096 days after Permit Issuance Submit modeling data for sulfur dioxide and nitrogen oxides as specified in MPCA guidance for Modeling Information Requests. This modeling information is for data collection purposes, no modeling analysis is required at this time. This is a state only requirement and is not enforceable by the EPA Administrator or citizens under the Clean Air Act.	Total Facility
Testing Frequency Plan	due 60 days after Initial Performance Test for nitrogen oxide emissions. The plan shall specify a testing frequency based on the test data and MPCA guidance. Future performance tests based on one-year (12 month), 36 month, and 60 month intervals, or as applicable, shall be required upon written approval of the MPCA.	EU001

TABLE B: RECURRENT SUBMITTALS

06/28/01

Facility Name: MMPA - Minnesota River Station

Permit Number: 01900059 - 002

What to send	When to send	Portion of Facility Affected
Excess Emissions/Downtime Reports (EER's)	due 30 days after end of each calendar quarter following Initial Startup of the Monitor (Submit Deviations Reporting Form DRF-1 as amended). The EER shall indicate all periods of monitor bypass and all periods of exceedances of the limit including exceedances allowed by an applicable standard, i.e., during startup, shutdown, and malfunction.	SV001
Linearity Test Results Summary	due 30 days after end of each calendar quarter following Linearity and Leak Check Test (Acid Rain Program) if performed.	SV001
Relative Accuracy Test Audit (RATA) Results Summary	due 30 days after end of each calendar half-year following CEMS Relative Accuracy Test Audit (RATA)	SV001
Semiannual Deviations Report	due 30 days after end of each half-year starting 03/18/2001. The first semiannual report submitted by the Permittee shall cover the calendar half-year in which the permit is issued. The first report of each calendar year covers January 1 - June 30. The second report of each calendar year covers July 1 - December 31. If no deviations occurred during the calendar half-year covered by the report, a report shall be submitted stating that there were no deviations.	Total Facility
Compliance Certification	due 31 days after end of each year starting 03/18/2001 (for the previous calendar year). To be submitted on a form approved by the Commissioner, both to the Commissioner, and to the U.S. EPA regional office in Chicago. This report covers all deviations experienced during the calendar year. The EPA copy shall be sent to: Mr. George Czerniak, Chief, Air Enforcement and Compliance Assurance Branch, Air and Radiation Division, EPA Region V, 77 West Jackson Boulevard, Chicago, Illinois 60604.	Total Facility

TECHNICAL SUPPORT DOCUMENT
For
AIR EMISSION PERMIT NO. 01900059-002

This technical support document is for all the interested parties of the permit. The purpose of this document is to set forth the legal and factual basis for the permit conditions, including references to the applicable statutory or regulatory provisions.

1. General Information

1.1. Applicant and Stationary Source Location:

Owner and Operator Address and Phone Number (list both if different)	Facility Address (SIC Code: 4911)
City of Chaska One City Hall Place Chaska, Minnesota 55318	South of Stoughton Avenue Chaska, Minnesota Carver County

1.2. Description of the Facility

The Minnesota Municipal Power Agency (MMPA) includes the cities of Anoka, Arlington, Brownston, Chaska, Le Sueur, North St. Paul, Olivia, and Winthrop. The city of Shakopee is served as a customer by MMPA. MMPA is proposing to construct an electric generating station near Chaska, to be known as the Minnesota River Station (MRS). The city of Chaska will own and finance the station and MMPA will manage the operation. MSR will consist of one simple cycle combustion turbine driving an electrical generator rated to produce 48.7 megawatts. The turbine will be capable of operating on natural gas, expected to be the primary fuel, with distillate fuel oil for backup.

This generating station is necessary for MMPA to have adequate installed generating capacity to meet the needs of its customers in 2001 and to also have the reserve capacity required by the Midwest Area Power Pool (MAPP). MAPP is an association of electrical power producers in the Midwestern United States, and each member, by maintaining some reserve capacity helps to insure the reliability of electrical service for all members.

1.3. Description of the Activities Allowed by this Permit Action

This permit amendment is a Minnesota Pollution Control Agency (MPCA) initiated administrative amendment. It implements the 2001 MPCA air dispersion modeling policy and imposes additional requirements on the Permittee. This qualifies as an Administrative Amendment under Minn. R. 7007.1400, subp. 1(C).

1.4. Facility Emissions

There are no changes in emissions associated with this permit amendment.

2. Conclusion

Based on the information provided by the MMPA, the MPCA has reasonable assurance that the proposed operation of the emission facility, as described in the Air Emission Permit No. 01900059-002 and this technical support document, will not cause or contribute to a violation of applicable federal regulations and Minnesota rules.

Staff Members on Permit Team: Jim Robin

Attachment: CD-01 Forms