

**ACID RAIN PROGRAM
PHASE II PERMIT - REVISED**

Midwest Generation EME, LLC.
Attn: Mr. John T. Long, Designated Representative
440 South LaSalle, Suite 3500
Chicago, Illinois 60605

Oris No.: 884
IEPA I.D. No.: 197810AAK
Source/Unit: Will County 1 - 3
Date Received: July 2, 2001
Date Issued:
Effective Date: January 1, 2000
Expiration Date: December 31, 2004

STATEMENT OF BASIS:

In accordance with Section 39.5(17)(b), Title IV; Acid Rain Provisions, of the Illinois Environmental Protection Act [415 ILCS 5/1 et Seq.] and Titles IV and V of the Clean Air Act, the Illinois Environmental Protection Agency is revised this Acid Rain Program Phase II permit for the Midwest Generation EME, LLC. Will County plant to incorporate nitrogen oxides emission limitation compliance plan requirement.

SULFUR DIOXIDE (SO₂) ALLOCATIONS AND NITROGEN OXIDES (NO_x) REQUIREMENTS FOR EACH AFFECTED UNIT:

		2000	2001	2002	2003	2004
UNIT 1	SO ₂ Allowances, under Tables 2, 3, or 4 of 40 CFR Part 73	5,321	5,321	5,321	5,321	5,321

UNIT 1	NO _x Limit	<p>Pursuant to 40 CFR 76.11, the Illinois EPA approves seven NO_x emissions averaging plans for this unit. Each plan is effective for one calendar year for the year 2001. Under each plan, except as provide below, this unit's NO_x emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.86 lb/mmBtu</p> <p>Under the plan, the actual Btu-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.</p> <p>In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.</p>
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		2000	2001	2002	2003	2004
UNIT 2	SO ₂ Allowances, under Tables 2, 3, or 4 of 40 CFR Part 73	4,849	4,849	4,849	4,849	4,849

UNIT 2	NO _x Limit	<p>Pursuant to 40 CFR 76.11, the Illinois EPA approves seven NO_x emissions averaging plans for this unit. Each plan is effective for one calendar year for the year 2001. Under each plan, except as provided below, this unit's NO_x emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.86 lb/mmBtu</p> <p>Under the plan, the actual Btu-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.</p> <p>In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.</p>				
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		2000	2001	2002	2003	2004
UNIT 3	SO ₂ Allowances, under Tables 2, 3, or 4 of 40 CFR Part 73	6,993	6,993	6,993	6,993	6,993

UNIT 3	NO _x Limit	<p>Pursuant to 40 CFR 76.11, the Illinois EPA approves seven NO_x emissions averaging plans for this unit. Each plan is effective for one calendar year for the year 2001. Under each plan, except as provided below, this unit's NO_x emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.20 lb/mmBtu and this unit shall have an annual heat input less than 13,000,000 mmBtu.</p> <p>Under the plan, the actual Btu-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.</p> <p>Notwithstanding the averaging plan described above, if this unit exceeds its applicable NO_x emission limitation under 40 CFR 76.8 (early election) of 0.45 lb/mmBtu for tangentially fired boilers, the early election plan for this unit shall be terminated in accordance with 40 CFR 76.8(e)(3) and the unit shall meet, beginning</p>				
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		<p>on the effective date of the termination, the applicable NO_x emission limitation under 40 CFR 76.7. Such termination shall not terminate the averaging plan described above.</p> <p>In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.</p>
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COMMENTS, NOTES AND JUSTIFICATIONS: This revised permit addresses a revised NO_x compliance plan in which an alternate compliance emission limitation is chosen that is effective for calendar year 2001 through calendar year 2004.

PERMIT APPLICATION: The NO_x compliance plan is attached and incorporated as part of this permit. The owners and operators of this source must comply with the standard requirements and special provisions set forth in the application.

If you have any questions regarding this permit, please contact Mohamed Anane at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permits Section
Division of Air Pollution Control

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cc: Cecilia Mijares, USEPA Region V
IEPA Region 1