

**New York State Department of Environmental Conservation  
Facility DEC ID: 2620501562**



**PERMIT  
Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 2-6205-01562/00001  
Expiration Date: No expiration date

Permit Issued To: WILLIAMS COMMUNICATIONS INC  
110 WEST 7TH ST  
SUITE 500  
TULSA, OK 74119

Contact: STEPHEN LEE  
WILLIAMS COMMUNICATIONS INC  
110 WEST 7TH STREET  
TULSA, OK 74119  
(918) 573-0415

Facility: WILLIAMS COMMUNICATIONS INC  
601 WEST 26TH STREET  
NEW YORK, NY 10001

Contact: JAMES BALL  
WILLIAMS COMMUNICATIONS INC  
601 WEST 26TH STREET  
NEW YORK, NY 10001  
(646) 638-2196

Description:  
NATURE OF BUSINESS OF THE FACILITY:

Electric power generation.

4911 (primary SIC) - Electric Services

TYPE OF EQUIPMENT AND OPERATION AT THE FACILITY:

This facility consists of two CAT 3516B reciprocating diesel engines, which are rated at 2847 brake horsepower and fire only low sulfur diesel. One of the engines shall be equipped with an SCR to control emissions of oxides of nitrogen 89 percent. The second engine shall be used as an emergency back-up only unit. This facility shall produce 2 megawatts of power.

AIR PERMIT APPLICABILITY:

Air State Facility for a new reciprocating engine facility. The facility's potential emissions of carbon

FINAL



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monoxide, particulate matter, sulfur dioxide, and VOCs are naturally below Title V thresholds. The facility shall accept a cap for oxides of nitrogen below the Title V threshold.

**CAPPING/NON-APPLICABLE RULES:**

Yes. The facility is a synthetic minor. Therefore, the following rules are non-applicable: 6 NYCRR Subpart 227-2, 6 and 6 NYCRR Subpart 231-2.

**LIANCE PLANS:**

None.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator:            **JOHN F CRYAN**  
   **DIVISION OF ENVIRONMENTAL PERMITS**  
   **ONE HUNTERS POINT PLAZA, 47-40 21ST STREET**  
   **LONG ISLAND CITY, NY 11101-5407**

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_\_



**Notification of Other State Permittee Obligations**

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

**Item B: Permittee's Contractors to Comply with Permit**

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

**Item C: Permittee Responsible for Obtaining Other Required Permits**

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

**Item D: No Right to Trespass or Interfere with Riparian Rights**

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a

on not a party to the permit.



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions, and Revocations by the Department

**Facility Level**

Submission of Applications for Permit Modification or Renewal-REGION 2

HEADQUARTERS



**DEC GENERAL CONDITIONS**  
**\*\*\*\* General Provisions \*\*\*\***  
**GENERAL CONDITIONS - Apply to ALL Authorized Permits.**

**Condition 1: Facility Inspection by the Department**  
**Applicable State Requirement: ECL 19-0305**

**Item 1.1:**

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

**Item 1.2:**

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

**Item 1.3:**

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

**Condition 2: Relationship of this Permit to Other Department Orders and Determinations**  
**Applicable State Requirement: ECL 3-0301.2(m)**

**Item 2.1:**

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

**Condition 3: Applications for Permit Renewals and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13(a)**

**Item 3.1:**

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

**Item 3.2:**

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

**Condition 4: Permit Modifications, Suspensions, and Revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.14**

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**Item 4.1:**

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

**\*\*\*\* Facility Level \*\*\*\***

**Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 2 HEADQUARTERS**  
**Applicable State Requirement: 6NYCRR 621.5(a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator  
Region 2 Headquarters  
Division of Environmental Permits  
1 Hunters Point Plaza, 4740 21st Street  
Long Island City, NY 11101-5407  
(718) 482-4997



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**Permit Under the Environmental Conservation Law (ECL)**

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT**

**IDENTIFICATION INFORMATION**

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110 WEST 7TH ST  
SUITE 500  
TULSA, OK 74119

Facility: WILLIAMS COMMUNICATIONS INC  
601 WEST 26TH STREET  
NEW YORK, NY 10001

Authorized Activity By Standard Industrial Classification Code:



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 17 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 3 6NYCRR 200.7: Maintenance of equipment
- 7 6NYCRR 201-1.7: Recycling and Salvage
- 8 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the Air
- 10 6NYCRR 201-3.2(a): Proof of Eligibility
- 11 6NYCRR 201-3.3(a): Proof of Eligibility
- 15 6NYCRR 202-1.1: Required emissions tests
- 16 6NYCRR 211.3: Visible emissions limited.
- 1 6NYCRR 200.5: Sealing
- 2 6NYCRR 200.6: Acceptable ambient air quality
- 4 6NYCRR 201-1.2: Unpermitted Emission Sources
- 5 6NYCRR 201-1.4: Unavoidable Noncompliance and Violations
- 6 6NYCRR 201-1.5: Emergency Defense
- 9 6NYCRR 201-1.10(a): Public Access to Recordkeeping
- 12 6NYCRR 201-6: Facility Permissible Emissions
- 13 6NYCRR 201-6: Compliance Demonstration
- \*14 6NYCRR 201-6: Compliance Demonstration

**Emission Unit Level**

- 18 6NYCRR 201-6: Emission Unit Permissible Emissions

**EU=U-GEN01**

- \*19 6NYCRR 201-6: Compliance Demonstration
- \*20 6NYCRR 201-6: Compliance Demonstration
- \*21 6NYCRR 201-6: Compliance Demonstration

**EU=U-GEN01,EP=EGEN2**

- 22 6NYCRR 227-1.3: Compliance Demonstration
- 23 6NYCRR 227-1.3(a): Compliance Demonstration

**EU=U-GEN01,EP=PGEN1**

- 24 6NYCRR 227-1.3: Compliance Demonstration
- 25 6NYCRR 227-1.3(a): Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 26 6NYCRR 201-5: General Provisions
- 27 6NYCRR 201-5: Permit Exclusion Provisions
- 28 6NYCRR 201-5: General Provisions: Facilities Subject to Subpart

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201-5 but not 201-6

29 6NYCRR 201-5: Emission Unit Definition

30 6NYCRR 201-5.3(b): Contaminant List

31 6NYCRR 211.2: Air pollution prohibited

**Emission Unit Level**

32 6NYCRR 201-5: Emission Point Definition By Emission Unit

33 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: \* preceding the condition number indicates capping. 4911 - ELECTRIC SERVICES

Permit Effective Date: 02/21/2001

Permit Expiration Date: No expiration date.



**FEDERALLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**Condition 17: Open Fires Prohibited at Industrial and Commercial Sites**  
**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 215**

**Item 17.1:**

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

**Condition 3: Maintenance of equipment**  
**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 3.1:**

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

**Condition 7: Recycling and Salvage**  
**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.7**

**Item 7.1:**

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

**Condition 8: Prohibition of Reintroduction of Collected Contaminants to the Air**  
**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.8**

**Item 8.1:**

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

**Condition 10: Proof of Eligibility**  
**Effective between the dates of 02/21/2001 and Permit Expiration Date**



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**Applicable Federal Requirement: 6NYCRR 201-3.2(a)**

**Item 10.1:**

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

**Condition 11: Proof of Eligibility**

**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-3.3(a)**

**Item 11.1:**

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

**Condition 15: Required emissions tests**

**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 202-1.1**

**Item 15.1:**

An acceptable report of measured emissions shall be submitted, as may be required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6NYCRR Part 202-1.

**Condition 16: Visible emissions limited.**

**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 16.1:**

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-



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minute period per hour of not more than 57 percent opacity.

**Condition 1: Sealing**  
**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.5**

**Item 1.1:**

(a) The commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the commissioner issued in the case of the violation. Sealing means labelling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

(b) No person shall operate any air contamination source sealed by the commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

**Condition 2: Acceptable ambient air quality**  
**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.6**

**Item 2.1:**

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the commissioner shall specify the degree and/or method of emission control required.

**Condition 4: Unpermitted Emission Sources**  
**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.2**

**Item 4.1:**

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

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(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

**Condition 5: Unavoidable Noncompliance and Violations**  
**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.4**

**Item 5.1:**

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit or certificate issued for the corresponding air contamination source. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.



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**Condition 6: Emergency Defense**  
**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.5**

**Item 6.1:**

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

**Condition 9: Public Access to Recordkeeping**  
**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.10(a)**

**Item 9.1:**

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1), and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

**Condition 12: Facility Permissible Emissions**



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**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-6**

**Item 12.1:**

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 0NY210-00-0                      PTE: 45,000 pounds per year  
Name: OXIDES OF NITROGEN

**Condition 13: Compliance Demonstration**

**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-6**

**Item 13.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 13.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The owner or operator shall not purchase or fire diesel fuel with a sulfur content exceeding 0.05 percent by weight. The sulfur content of the fuel shall be determined through the use of vendor guarantees. All records shall be maintained at the facility for a period of no less than five years.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: FUEL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.05 percent by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2001.

Subsequent reports are due every 6 calendar month(s).

**Condition 14: Compliance Demonstration**



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**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-6**

**Item 14.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 14.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall record the hours of operation from emission source EGNER (back-up diesel generator) in a bound log maintained at the facility. The records shall be kept on site, for a minimum of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2001.

Subsequent reports are due every 6 calendar month(s).

**\*\*\*\* Emission Unit Level \*\*\*\***

**Condition 18: Emission Unit Permissible Emissions**

**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-6**

**Item 18.1:**

The sum of emissions from all regulated processes specified in this permit for the emission unit cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: U-GEN01

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 41.2 pounds per hour

45,000 pounds per year

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**Condition 19: Compliance Demonstration**

**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-6**

**Item 19.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-GEN01

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 19.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

The owner or operator shall calculate the annual emissions from the facility, on a monthly basis, using the following formula:

$$H * 41.2 + T \leq 22.5 \text{ tons per year}$$

Where:

41.2 - emission rate in pounds per hour from emission source EGNER,

H - hours per year operation of emission source EGNER,  
and

T - Total emissions in pounds per year for emission source PGENR (as recorded by the CEM).

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 22.5 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2001.

Subsequent reports are due every 6 calendar month(s).

**Condition 20: Compliance Demonstration**

**Effective between the dates of 02/21/2001 and Permit Expiration Date**



**Applicable Federal Requirement: 6NYCRR 201-6**

**Item 20.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-GEN01

Regulated Contaminant(s):

CAS No: 0NY210-00-0    OXIDES OF NITROGEN

**Item 20.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of this facility shall perform an initial compliance test for NO<sub>x</sub> emissions on emission source EGNER. The owner or operator shall submit a stack test protocol, as required in 6 NYCRR Subpart 202-1, to the Department for review and approval.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 41.2 pounds per hour

Reference Test Method: Method 7E

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 21: Compliance Demonstration**

**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-6**

**Item 21.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-GEN01

Regulated Contaminant(s):

CAS No: 0NY210-00-0    OXIDES OF NITROGEN

**Item 21.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes



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Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This facility shall install, calibrate, maintain, and operate a continuous emissions monitor for measuring and recording oxides of nitrogen from emission source PGENR. The facility shall also install either a continuous monitor for oxygen or carbon dioxide. All records shall be maintained, at the facility, for a period of no less than five years.

Manufacturer Name/Model Number: NOx analyzer

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 19.3 tons per year

Reference Test Method: 40 CFR 60 Appendix B

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2001.

Subsequent reports are due every 6 calendar month(s).

**Condition 22: Compliance Demonstration**  
**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.3**

**Item 22.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-GEN01 Emission Point: EGEN2

**Item 22.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil-fired internal combustion engines which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

1) Observe the stack for each internal combustion engine which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

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2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- weather condition
- was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence.

The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**\*\* NOTE \*\*** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Monitoring Frequency: DAILY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 23: Compliance Demonstration**  
**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.3(a)**

**Item 23.1:**

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The Compliance Demonstration activity will be performed for:

Emission Unit: U-GEN01 Emission Point: EGEN2

**Item 23.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2002.

Subsequent reports are due every 12 calendar month(s).

**Condition 24: Compliance Demonstration**

**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.3**

**Item 24.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-GEN01 Emission Point: PGEN1

**Item 24.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil-fired internal combustion engines which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:



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1) Observe the stack for each internal combustion engine which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- weather condition
- was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence.

The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**\*\* NOTE \*\*** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Monitoring Frequency: DAILY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 25: Compliance Demonstration**

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**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.3(a)**

**Item 25.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-GEN01 Emission Point: PGEN1

**Item 25.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2002.

Subsequent reports are due every 12 calendar month(s).

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**STATE ONLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**Condition 26: General Provisions**  
**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 26.1:**

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

**Item 26.2:**

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

**Item 26.3:**

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

**Condition 27: Permit Exclusion Provisions**  
**Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 27.1:**

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR).

The issuance of this permit by the Department and the receipt thereof by the Applicant does not supersede, revoke or rescind an order or modification thereof on consent or determination by the Commissioner issued heretofore by the Department or any of the terms, conditions or requirements



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contained in such order or modification thereof unless specifically intended by this permit.

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting the right of the Department to pursue any claims for natural resource damages against the Applicant.

**Condition 28: General Provisions: Facilities Subject to Subpart 201-5  
but not 201-6  
Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 28.1:**

The emission of pollutants in exceedance of the applicability thresholds for obtaining a Title V facility permit or other applicable requirements constitutes a violation of Part 201 and of the Act.

**Condition 29: Emission Unit Definition  
Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 29.1:**

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-GEN01

Emission Unit Description:

A CATERPILLAR 3516B DI TA DIESEL ENGINE AND ELECTRIC GENERATOR SET WILL OPERATE TO PROVIDE PRIME POWER TO THE POINT OF PRESENCE (POP) FIBER OPTIC COMMUNICATION DISTRIBUTION CENTER FOR WILLIAMS COMMUNICATIONS COMPANY. THE UNIT WILL BE OPERATED WITH A COMBI KAT (c) SE27 SCR NOX CONTROL SYSTEM ACHIEVING AN 89% REDUCTION IN INLET NOX. THE MAXIMUM FUEL FEED RATE FOR THE CAT 3516B ENGINE IS 144 GALLONS PER HOUR OF HIGHWAY LOW SULFUR DIESEL FUEL AT 100% LOAD, 1800 RPM AT 2847 BHP.

Building(s): 601 W 26TH

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**Condition 30: Contaminant List**

Effective between the dates of 02/21/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5.3(b)

**Item 30.1:**

Emissions of the following contaminants are subject to contaminant specific requirements in this permit (emission limits, control requirements or compliance monitoring conditions).

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

**Condition 31: Air pollution prohibited**

Effective between the dates of 02/21/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

**Item 31.1:**

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

**\*\*\*\* Emission Unit Level \*\*\*\***

**Condition 32: Emission Point Definition By Emission Unit**

Effective between the dates of 02/21/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

**Item 32.1:**

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-GEN01

Emission Point: EGEN2

Height (ft.): 15

Diameter (in.): 16

Building: 601 W 26TH

Emission Point: PGEN1

Height (ft.): 16

Diameter (in.): 16

Building: 601 W 26TH

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**Condition 33: Process Definition By Emission Unit  
Effective between the dates of 02/21/2001 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 33.1:**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-GEN01

Process: EPG

Source Classification Code: 2-01-001-02

Process Description:

Emergency diesel generator rated at 2847 brake horsepower.

Emission Source/Control: EGNER - Combustion

Design Capacity: 2,847 horsepower (mechanical)

**Item 33.2:**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-GEN01

Process: PRM

Source Classification Code: 2-01-001-02

Process Description:

OPERATION OF CAT 3516B DI TA DIESEL ENGINE TO GENERATE ELECTRIC POWER FOR FACILITY. THIS PROCESS REPRESENTS THE UNIT OPERATING IN PRIME MODE (PRM). THIS IS, THE UNIT IS THE ONLY SOURCE OF ELECTRIC POWER FOR WILLIAMS COMMUNICATION COMPANY UNTIL LINE POWER BECOMES AVAILABLE. AT THIS TIME, THE UNIT WILL BECOME AN EMERGENCY STAND-BY UNIT.

Emission Source/Control: PGENR - Combustion

Design Capacity: 2,847 horsepower (mechanical)

Emission Source/Control: SCR01 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)