

These limits are based on maximum horsepower (2,922 Hp), maximum operating hours, maximum sulfur content, and generator manufacturer's emission factors. Compliance with annual limits shall be determined from a running total of 12 months of data.

- b. This permit is issued based on negligible emissions of VOM from the two diesel fuel storage tanks. For this purpose emissions from each emission source shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 tons/year.
3. The Permittee shall maintain monthly records of the following items:
 - a. Operating hours of each generator (hour/month and hour/year).
 - b. Fuel sulfur content (% weight).
 - c. Emissions (tons/month and tons/year).
4. This permit is issued based on the condition that SO₂ emissions do not exceed 0.3 lb/mmBtu, pursuant to 35 Ill. Adm. Code Sections 214.304 and 214.122.
5. The emissions of Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish in rule which would require the Permittee to obtain a CAAPP permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a CAAPP permit from the Illinois EPA.
6. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.
7. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
8. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

9. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year: Actual emissions of each criteria pollutant (tons/mo and tons/yr).

If you have any questions on this, please call Jim Kallmeyer at 217/782-2113.

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

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cc: Illinois EPA, FOS Region 1
Lotus Notes

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the communications center facility operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. The resulting maximum emissions are well below the levels, e.g., 100 tons per year of nitrogen oxides at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled, less hours of operation of the generators are required, lower sulfur content fuel oil #2 is used, and control measures are more effective than required in this permit.

- 1a. Emissions and operation of the 10 generators shall not exceed the following limits:

<u>Operating Hours Per Generator</u> (Hr/Mo) (Hr/Yr)		<u>Sulfur Content</u> (% By Weight)
420 420		0.20

<u>Pollutant</u>	<u>Emission Factor</u> (Lb/Hp-Hr)	<u>Emissions</u> (Tons/Mo) (Tons/Yr)	
Nitrogen Oxides (NO _x)	0.0154	94.5	94.5
Particulate Matter (PM)	0.0002	1.3	1.3
Sulfur Dioxide (SO ₂)	0.0013	8.0	8.0
Volatile Organic Material (VOM)	0.0007	4.3	4.3
Carbon Monoxide (CO)	0.0009	<u>5.6</u>	<u>5.6</u>
	Totals:	<u>113.7</u>	<u>113.7</u>

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