d) The location of sources providing the emission offsets:

1) Must, for particulate matter, sulfur dioxide and carbon monoxide, be such that, relative to the site of the proposed new or modified source, the location of the offset, together with its effective stack height, ensures a positive net air quality benefit. This shall be demonstrated by atmospheric simulation modeling, unless the sources providing the offset are on the same premises or in the immediate vicinity of the new or modified source and the pollutants disperse from substantially the same effective stack height. In determining effective stack height, credit shall not be given for dispersion enhancement techniques. The owner or operator of a proposed new or modified source shall perform the analysis to demonstrate the acceptability of the location of an offset, if the Agency declines to make such analysis. Effective stack height means actual stack height plus plume rise. Where actual stack height exceeds good engineering practices, as determined pursuant to 40 CFR 51.100 (1987) (no future amendments or editions are included), the creditable stack height shall be used.

2) Must, for nitrogen oxides, be in the general vicinity of the proposed new or modified source.

3) Must, for volatile organic compounds, be in the broad vicinity of the proposed new or modified source; that is, offsets must be obtained from within the Air Quality Control Region of the new or modified source, or from other areas which may be contributing to the ozone problem at the site of the new or modified source.

e) Replacement of one volatile organic compound with another of lesser reactivity does not constitute an emission reduction.

(Source: Amended at 12 Ill. Reg. 6118, effective March 22, 1988)

Section 203.304 Exemptions from Emissions Offset Requirement (Repealed)

(Source: Repealed at 12 Ill. Reg. 6118, effective March 22, 1988)

Section 203.305 Compliance by Existing Sources

The owner or operator shall demonstrate that all major stationary sources which he or she owns or operates (or which are owned or operated by an entity controlling or controlled by, or under common control, with the owner or operator) in Illinois are in compliance, or on a schedule for compliance, with all applicable state and federal air pollution control requirements. For purposes of this Section, a schedule for compliance must be federally enforceable or contained in an order of the Illinois Pollution Control Board or a court decree.

(Source: Amended at 12 Ill. Reg. 6118, effective March 22, 1988)

Section 203.306 Analysis of Alternatives

For emission of volatile organic compounds or carbon monoxide, the owner or operator shall demonstrate that benefits of the new major source or major modification significantly outweigh the environmental and social costs imposed as a result of its location, construction, or modification, based upon an analysis of alternative sites, sizes, production processes and environmental control techniques for such proposed source.

(Source: Amended at 12 Ill. Reg. 6118, effective March 22, 1988)

SUBPART F: OPERATION OF A MAJOR STATIONARY SOURCE OR MAJOR MODIFICATION

Section 203.601 Lowest Achievable Emission Rate Compliance Requirement

No person shall cause or allow the operation of a new major stationary source or major modification subject to the requirements of Subpart C, except as in compliance with applicable LAER provisions established pursuant to Section 203.301 for such source or modification.

(Source: Amended at 12 Ill. Reg. 6118, effective March 22, 1988)

Section 203.602 Emission Offset Maintenance Requirement

No person shall cause or allow the operation of a new major stationary source or major modification where the owner or operator has demonstrated that it would not interfere with reasonable further progress by providing emission offsets pursuant to Section 203.302 without maintaining those emission offsets or other equivalent offsets.

(Source: Amended at 12 Ill. Reg. 6118, effective March 22, 1988)

Section 203.603 Ambient Monitoring Requirement (Repealed)

(Source: Repealed at 12 Ill. Reg. 6118, effective March 22, 1988)