

217/782-7326
TDD 217/782-9143

July 29, 2010

(facility environmental manager)
(facility name)
(street address)
(city, state, and zip code)

Dear (facility environmental manager),

As you may be aware, the U.S. Environmental Protection Agency (USEPA) promulgated revisions to the primary National Ambient Air Quality Standards (NAAQS) for oxides of sulfur (measured by SO₂) that become effective on August 23, 2010 (see *Federal Register*, Vol. 75, No. 119, June 22, 2010). These changes include the establishment of a new 1-hour standard, and the revocation of existing 24-hour and annual standards. Ambient monitoring data for years 2007-2009 indicate that there are sub-county areas in Illinois that do not meet the new 1-hour standard, and preliminary efforts are underway to evaluate these potential areas of nonattainment. For unmonitored areas, in particular those with significant SO₂-emitting sources, the Illinois Environmental Protection Agency (IEPA) will be relying upon dispersion modeling to determine whether the new 1-hour standard is being met. The IEPA has recently commenced developing facility-specific emissions inventories and dispersion modeling files to evaluate the ambient impacts of these SO₂-emitting sources.

A review of the information that IEPA currently has on file for your facility shows that we are lacking the following data:

- **The location, designation, and dimensions (height, width, length) of all buildings and structures at your facility.**
- **Property boundary locations and the means, if any, by which the general public is precluded access to plant property (e.g., security fences, guard stations, physiographic barriers, etc.).**
- **Specific locations for all stacks and release points emitting SO₂, along with information pertaining to the manner in which emissions are discharged to the atmosphere (e.g., stacks with “rain caps”, stacks with unobstructed vertical releases, “gooseneck” stacks, lateral discharges, vents, and fugitive releases).**

A current plot plan or site map with a sufficient level of detail would be the preferred means for providing the information requested above. In addition, any existing coordinate data related to the locations of buildings, SO₂ emitting stacks, and property

boundaries would also be very helpful. This request is made pursuant to provisions of Section 4(b) of the Illinois Environmental Protection Act (415 ILCS 5/4(b)).

Your prompt attention to this matter is greatly appreciated. If you should have any questions in regard to this request, please contact me by phone at 217-524-4692 or by e-mail at Jeff.Sprague@illinois.gov.

Sincerely,

Jeffrey W. Sprague
Modeling Unit, Manager
Air Quality Planning Section
Bureau of Air