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December 3, 2015



ORIGINAL

Re: R15-21: In the Matter of: Amendments to 35 Ill. Adm. Code Part 214, Sulfur Limitations, Part 217, Nitrogen Oxides Emissions, and Part 225, Control of Emissions from Large Combustion Sources

The Board's November 19, 2015, final order contained three scrivener's errors stated below. These errors have been corrected as reflected in the attached pages. The Board's complete final order is available on the Board's website at <http://www.ipcb.state.il.us>. If you would like a mailed copy of the entire Board Order, please contact the Clerk of the Board at (312) 814-3629.

Page 15: Section 214.162(d) incorrectly states the metric for Sd on and after January 1, 2017 as 0.023 kg/MW-hr. This has been corrected to 0.0023 kg/MW-hr.

Page 21: Section 214.421(d) incorrectly states the metric for Sd on and after January 1, 2017 as 0.023 kg/MW-hr. This has been corrected to 0.0023 kg/MW-hr.

Page 25: Section 214.603(f)(2) incorrectly states Unit 4's lb/hr as 5000. This has been corrected to 5000.00.

Sincerely,

John T. Therriault, Clerk

in any one hour period from any fuel combustion emission source burning simultaneously any combination of solid, liquid and gaseous fuels to exceed the allowable emission rate determined by the following equation:

$$E = S_S H_S + S_d H_d + S_R H_R$$

b) Symbols in the equation mean the following:

- E = allowable sulfur dioxide emission rate;
- S_S = solid fuel sulfur dioxide emission standard which is applicable;
- S_d = distillate oil sulfur dioxide emission standard determined from the table in subsection (d);
- S_R = residual fuel oil sulfur dioxide emission standard;
- H_S = actual heat input from solid fuel;
- H_d = actual heat input from distillate fuel oil;
- H_R = actual heat input from residual fuel oil;

c) That portion of the actual heat input that is derived:

- 1) From the burning of gaseous fuels produced by the gasification of solid fuels shall be included in H_S ;
- 2) From the burning of gaseous fuels produced by the gasification of distillate fuel oil shall be included in H_d ;
- 3) From the burning of gaseous fuels produced by the gasification of residual fuel oil shall be included in H_R ;
- 4) From the burning of gaseous fuels produced by the gasification of any other liquid fuel shall be included in H_R ; and;
- 5) From the burning of by-product gases such as those produced from a blast furnace or a catalyst regeneration unit in a petroleum refinery shall be included in H_R .

d) Metric or English units may be used in the equation of subsection (a) as follows:

<u>Parameter</u>	<u>Metric</u>	<u>English</u>
E	kg/hr	lbs/hr
S_S, S_R	kg/MW-hr	lbs/mmBbtu
S_d <u>prior to January 1, 2017</u>	0.46 kg/MW-hr	0.3 lbs/mmBbtu
S_d <u>on and after January 1, 2017</u>	<u>0.0023 kg/MW-hr</u>	<u>0.0015 lb/mmBtu</u>
H_S, H_d, H_R	MW	mmBbtu

blast furnace.

- c) That portion of the actual heat input that is derived:
- 1) From the burning of gaseous fuels produced by the gasification of solid fuels shall be included in H_S ;
 - 2) From the burning of gaseous fuels produced by the gasification of distillate fuel oil shall be included in H_d ;
 - 3) From the burning of gaseous fuels produced by the gasification of residual fuel oil shall be included in H_R ; and
 - 4) From the burning of gaseous fuels produced by the gasification of any other liquid fuel shall be included in H_G .
- d) Metric or English units may be used in the equation of subsection (a) as follows:

<u>Parameter</u>	<u>Metric</u>	<u>English</u>
E	kg/hr	lbs/hr
S_S, S_R, S_G	kg/MW-hr	lbs/mmBbtu
S_d prior to January 1, 2017	0.46 kg/MW-hr	0.3 lbs/mmBbtu
S_d on and after January 1, 2017	0.0023 kg/MW-hr	0.0015 lb/mmBtu
H_S, H_d, H_R, H_G	MW	mmBbtu

(Source: Amended at 39 Ill. Reg. _____, effective _____)

SUBPART AA: REQUIREMENTS FOR CERTAIN SO₂ SOURCES

Section 214.600 Definitions

For purposes of this Subpart, the following definitions apply. Unless a different meaning for a term is clear from its context, all terms not defined in this Section have the meanings given to them in the Illinois Environmental Protection Act and in 35 Ill. Adm. Code 201 and 211.

"Agency" means the Illinois Environmental Protection Agency.

"Aventine Renewable Energy" means the ethanol production source located at or near 1300 S. 2nd Street, Pekin IL.

"Illinois Power Resources Generating E.D. Edwards" means the electrical power generation source located at or near 7800 S. Cilco Lane, Bartonville IL.

- e) Midwest Generation Powerton lb/hr
- 1) Boilers 51, 52 (Unit 5) and 61, 62 (Unit 6) combined 3452.00
 - 2) The owner or operator must comply with the emission limitation set forth in subsection (e)(1) on a 30-operating day rolling average basis. For purposes of this Subpart, an operating day is a calendar day in which any emission unit addressed in subsection (e)(1) combusts any fuel;
 - 3) Within 24 hours after the end of each averaging period, the owner or operator must use the following equation to determine the combined SO₂ emission rate of the emission units addressed in subsection (e)(1) for each averaging period, which concludes at the end of each operating day. The SO₂ emission rate must not exceed the limitation set forth in subsection (e)(1):

$$E_{avg} = \frac{\sum_{h=1}^n E_h}{n}$$

Where:

E_{avg} = SO₂ emission rate for the averaging period, in lb/hr.

E_h = SO₂ emission rate for stack operating hour "h" in the averaging period. For purposes of this Subpart, a stack operating hour is a clock hour in which valid data is obtained, and in which gases flow through the monitored stack or duct for the emission units addressed in subsection (e)(1) (either for part of the hour or for the entire hour) while at least one of the units is combusting fuel.

n = Number of stack operating hours in the averaging period in which valid data is obtained.

- 4) The SO₂ emission rate for the emission units addressed in subsection (e)(1) must not exceed 6,000 lb/hr in more than 5% of the stack operating hours ("n" in the equation in subsection (e)(3)) in any averaging period.

- f) Midwest Generation Will County lb/hr
- 1) Unit 3 145.14
 - 2) Unit 4 5000.00