FINAL-OMITTED RULEMAKING

ANNEX A

TITLE 25. ENVIRONMENTAL PROTECTION

PART I. DEPARTMENT OF ENVIRONMENTAL PROTECTION

SUBPART C. PROTECTION OF NATURAL RESOURCES

ARTICLE III. AIR RESOURCES

CHAPTER 128. ALTERNATIVE EMISSION REDUCTION LIMITATIONS

§ 128.21. [St. Joe Resources Company; Potter Township, Beaver County, Pennsylvania.] [Reserved].

[(a) This section applies to the St. Joe Resources Company located in Potter Township, Beaver County, Pennsylvania, which includes the Coal Boiler # 1, Coal Boiler # 2, Sinter Machines (3) and the Roaster Plant (No. 9 Roaster or its equivalent).

 (b) The sources identified in subsection (a) as Coal Boiler # 1 and Coal Boiler # 2 shall be relieved from compliance with the applicable requirements of § 123.22(d) (relating to combustion units) when in compliance with this section.

 (c) The sources identified in subsection (a) as Sinter Machines (3) and Roaster Plant (No. 9 Roaster or its equivalent) may not emit sulfur dioxide in excess of 2,050 pounds per hour.

 (d) The owner or operator may not cause or permit the emission of sulfur dioxide from the sources identified in subsection (a) as Coal Boiler # 1 and Coal Boiler # 2 in excess of all the following:

  (1) 1.2 pounds SO_2/million Btu maximum daily average.

  (2) 1,175 pounds SO_2 per hour, whichever is more restrictive.

 (e) The owner or operator may not emit sulfur dioxide from the combination of sources identified in subsection (a) in excess of 3,127 pounds SO_2/hour.

 (f) The owner or operator may not emit sulfur dioxide from sources identified in subsection (a) in excess of the quantities calculated by the following equations when determined on a 7-day running basis except for a period up to 45 continuous days during calendar year for annual maintenance outage on the Roaster Plant and Sinter Machines (3):

$$\frac{\sum\limits_{1}^{7} E_{a_i} \leqq \sum\limits_{1}^{7} E_{b_i}}{E_a \leqq F_b}$$

~~$E_a = A_1 B_1 + A_2 B_2 + 1.65 \times 10^{-7} A_3 B_3 + 2 A_4 B_4$~~

~~$E_b = 1.7 B_1^{0.86} H_1^{0.14} + 1.7 B_2^{0.86} H_2^{0.14} + 8.25 \times 10^{-5} B_3 + 0.054 B_4$~~

~~**where E_a = The combined actual emission rate for the sources listed in subsection (a) in pounds SO_2 per day.**~~

~~**E_b = The combined allowable emission rate as specified in Chapter 123 (relating to standards for contaminants) for the sources listed in subsection (a) in pounds SO_2 per day.**~~

~~**A_1 = The actual emission rate in pounds SO_2 per million Btu for coal boiler # 1.**~~

~~**A_2 = The actual emission rate in pounds SO_2 per million Btu for coal boiler # 2.**~~

~~**A_3 = The actual SO_2 emission rate in parts per million volume (dry basis) for the roaster plant.**~~

~~**A_4 = The actual sulfur content expressed as a decimal fraction by weight of the calcine and zinc scrap consumed in the sinter machines.**~~

~~**B_1 = The actual heat input in millions Btu per day for coal boiler # 1.**~~

~~**B_2 = The actual heat input in millions Btu per day for coal boiler # 2.**~~

~~**B_3 = The actual volumetric gas flow rate in dry standard cubic feet per day for the roaster plant.**~~

~~**B_4 = The actual calcine consumption rate in pounds per day plus the zinc scrap consumption rate in pounds per day for the sinter machines.**~~

~~**H_1 = The actual hours of operation per day for coal boiler # 1.**~~

~~**H_2 = The actual hours of operation per day for coal boiler # 2.]**~~