Question 22.4

Topic: Common Stack NO_x Apportionment for Other Configurations

Question: Question 22.2 addresses only common stack NO_x apportionment for a configuration consisting of NO_x affected and NO_x nonaffected units.

What are the similarities and differences in the common stack NO_x apportionment methodologies for other configurations? In particular, address the following cases:

(1) a configuration in which Acid Rain units share a common stack with non-Acid Rain units; and

(2) a configuration in which a group of NO_x affected units share a common stack.

Answer: For the first configuration (Acid Rain and non-Acid Rain units sharing a common stack), the procedures and mathematics are exactly analogous to the case described in Question 22.2. Simply replace the term "NO_x affected unit" with the term, "Acid Rain unit" and replace the term "NO_x nonaffected unit" with the term "non-Acid Rain unit."

However, the second configuration (NO_x affected units sharing a common stack) is not analogous to the case described in Question 22.2, as there are no NO_x nonaffected units. Options (1), (2), and (3) in Background section (I)(B), above, apply. If Option (3) is chosen, the owner or operator must submit a petition for an alternate apportionment method, satisfactory to the Administrator, ensuring complete and accurate estimation of emissions and no underestimation of any unit's emissions.

References: § 75.17

History: First published in March 2000, Update #12