

CISWI Comment Outline
Draft June 7, 2010

1. Introduction
2. Discussion of Cost and Impacts
 - a. Cost to comply
 - b. Increase in solid waste landfilled due to shutdowns and no new units
 - c. Was not congress's intent to cause regulations to close down industry
 - d. Need for diverse fuel/energy portfolio; this rule encourages more use of fossil fuels and less use of alternate fuels
3. Comments on method of setting floors
 - a. Concerns/Issues with Data in Database
 - i. Phase 1/Phase 2 ICR data compatibility
 - ii. Specific comments on units and data
 - b. Use of straight emissions approach due to 112 decisions
 - c. Need for Additional Variability
 - i. Need multiple tests
 - ii. Fuel/feed variability
 - iii. Look at CEMS data for variability; need to use CEMS data to set limits if going to require CEMS for compliance
 - iv. Statistical approach
 - d. Support assertion that not required to recalculate floors every 5 years
4. Subcategories
 - a. Need further subcategories within the boiler subcategory, promote idea that fuel switching is not appropriate and limited subcategories forces fuel switching
 - b. Need to limit the burn off oven subcategory (EPA has likely underestimated the number of units in this subcategory if it is so broadly defined – does this include self cleaning ovens in the cafeteria?); how to measure emissions from many of these? Are work practices allowed under section 129?
5. Issues with Dioxin limits
 - a. Don't need both total mass and TEQ
 - b. Don't agree with method of setting TEQ limit
6. Issues with Opacity limits
 - a. Do not need opacity limit, is not necessarily required by section 129

- b. If have opacity limit, need better way to set it
- c. Can't read less than 5% opacity with Method 9

7. Achievability

- a. Low number of sources meet limits
- b. No new units predicted
- c. Shutdown of existing units predicted
- d. Low number of units used to set limits, doesn't represent what all top units can achieve
- e. Pollutant by pollutant method
- f. Zeros averaged into floor
- g. Detection limit issues
- h. Incinerators already installed controls to meet original limits or shutdown, now small number of data points from incinerators complying with existing are being used to set new limits ratcheted down (e.g., MACT on MACT approach)
- i. CO limits

8. New source limits

- a. Need to set on sources with at least 3 runs (they did this for boiler MACT)
- b. Achievability (have estimated no new units/used pollutant by pollutant method)

9. SSM

- a. Current requirement is to meet limits after reaching charge rate, proposed revision is to require meeting standards at all times
- b. No consideration of SSM emissions in development of the rule; what about CO during startup?
- c. Even top performers have malfunctions, can have excess emissions during startup/shutdown
- d. EPA says that CISWI are not fed until temperature is reached so there are not startup issues – this is not true for all subcategories (e.g., burnoff ovens)
- e. Averaging periods not adequate to cover
- f. Work practices during SSM?

10. Affected Sources and Exemptions

- a. Need to be able to move between Section 129 and Section 112 standards (comply with Section 112 when not burning waste)

- b. Need clarification on laboratory analysis units (EPA proposing to remove exemption for these units but doesn't say what they are and how EPA intends to regulate)
- c. EPA requests comment on exemptions and removal of several exemptions
- d. Cyclonic burn barrels – need clarity on definition (e.g., not a backyard barrel)
- e. Spent sulfuric acid furnaces

11. Averaging Times

- a. Need longer averaging times for parameters and emissions; 24 hours not long enough for CO

12. Monitoring

- a. CPMS QA requirements
- b. Concern about continual ratcheting down of parameter ranges if have to reset every time test done – need to keep the sentence in the existing rule that operating limits do not apply during performance tests
- c. EPA requests comment on whether CO CEMS should be required for all units
- d. PM CEMS for large boilers
- e. Comments requested on HCl CEMS
- f. Comments requested on multi-metals CEMS
- g. Hg CEMS
- h. Data availability requirements – see comment request in preamble

13. Testing

14. Recordkeeping

15. Reporting

- a. ERT requirement

16. Delegation of authority

- a. See EPA comment request in preamble