



PM_{2.5} Implementation in North Carolina

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Acknowledgements

- ⇒ Raj Rao, OAQPS
- ⇒ Don van der Vaart, NC DAQ
- ⇒ Due to:
 - My lack of time management and
 - My lack of knowledge

Final EPA Rules

- ⇒ Signed, published, and effective May 8, May 16 and July 15, 2008 respectively
- ⇒ Posted www.epa.gov/nsr

North Carolina History

- ⇒ Rule Development
- ⇒ NO_x Discussions
 - NCDAQ initially proposed to exclude NO_x as precursor
 - Arguments were ineffective (or fell on deaf ears?)
- ⇒ Reality Check
 - 2008 Elections
 - Review of numerous final and proposed rules
 - Who knows?
 - A lot of issues identified by Bob

Current Practices

⇒ 2D .2600 Rules

- *Consider particulate matter to consist as FPM and CPM*
- *Have, several years ago, determined “significant” sources of CPM*

⇒ Using PM-10 surrogate procedures for NSR

Going Forward?

⇒ Offset Ratios

- “Recommended” but not “mandatory”.

⇒ NO_x Offsets

- Source will not need to obtain NO_x offsets for both ozone and PM2.5 NA NSR for the same non-attainment area.

⇒ Minor NSR

- States must amend minor NSR programs for PM2.5 and its precursors.

Otherwise ...

⇒ Up in the air?