

# PM<sub>2.5</sub> NSR Implementation

# Background on PM<sub>2.5</sub>

- **PM<sub>2.5</sub> NAAQS promulgated in 1997**
- **PSD implementation guidance – issued by John Seitz in 1997 (Use PM<sub>10</sub> as a surrogate)**
- **Designations established Jan 5, 2005**
- **NNSR implementation guidance – issued by Steve Page on April 5, 2005 (PM<sub>10</sub> surrogate)**
- **PM<sub>2.5</sub> implementation rule proposed Nov. 1, 2005**

# Proposed NSR Provisions

- **PM<sub>2.5</sub> regulated under Subpart 1 – Major source threshold 100 tpy**
- **Significant emissions rate for PM<sub>2.5</sub> – 10 tpy**
- **Precursors**
  - **SO<sub>2</sub> always “in” as a precursor;**
  - **NO<sub>x</sub> presumed “in” unless State demonstrates that NO<sub>x</sub> is a significant contributor to PM<sub>2.5</sub> or part of the transport problem**
  - **VOC and ammonia presumed “out” unless State demonstrates otherwise. Ammonia is not a precursor in PM<sub>2.5</sub> attainment areas.**

# Proposed NSR Provisions (Cont..)

- **Offsets 1:1 ratio**
- **Allow interpollutant trading statewide, regionwide, or on a permit basis**
- **Transition policy – For PSD continue  $PM_{10}$  surrogate policy until SIPs approved**
- **$PM_{2.5}$  Increments, SILs and SMCs in a separate NPRM**
- **$PM_{2.5}$  NSR Final Rule – Aug./Sept. 2007**

# PM<sub>2.5</sub> Increments SILs and SMCs

- **Increments**
  - § 166(a) % of NAAQS approach
  - § 166(f) equivalent increments approach
- **3 options each for SILs and SMCs**
- **Proposal scheduled August 2007**