



Questions for EPA

Emissions Discussion Group

November 6, 2003

Interactive Discussion on EIs for SIPs

⇒ Major topic areas

- ▣ SIP EI reporting
- ▣ Guidance
- ▣ Motor vehicles
- ▣ Point sources
- ▣ Others ?

Interactive Discussion on Els for SIPs

⇒ SIP EI reporting questions

▣ Regulatory Els

▣ Modeling Els

- Base cases 2002 (performance and baseline period)
- Base case projection 2018
- Control strategy Els (plural)

▣ SIP Els for RH / Ozone / PM_{2.5} plans

▣ What is needed/wanted by EPA and when?

▣ What is the best process to communicate about the status of these Els with EPA?

▣ Others ?

Interactive Discussion on EIs for SIPs

⇒ EPA guidance questions

- Use of transport fractions
- Updates to SMOKE and CMAQ
- Identification of bugs/problems in SMOKE and CMAQ
- Biogenics shown in 2002 NEI vs. “attenuated” biogenics used for modeling (including Dust, NH₃)
- Interaction for input from RPOs on improving 2002 NEI numbers
- Display and uses of EPA transport rule EI and modeling results
- Others ?

Interactive Discussion on Els for SIPs

⇒ Mobile sources

- Specific list of area/nonroad categories to include
- New motor vehicle ammonia emission factor status, effect of low-sulfur gasoline
- Use of state- and RPO-specific mobile emissions into 2002 NEI CERR process
- Timeline for Nonroad Rule, reasonable assumptions about use of the proposed control program
- Vessels, other nonroad categories not in NONROAD model
- NMIM release date
- Others ?

Interactive Discussion on Els for SIPs

⇒ Point Sources

▣ CEM data versus states' EGU inventories

- Information about existing control technologies
- Heat input
- Flow rates
- Stack parameters
- Could CEM data be used as surrogates for PM, NH₃?
- Others ?