API/NPRA Tier 2 Implementation Workshop

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EPA Guidance/Assistance for Tier 2 Program

- BACT/LAER Guidance
- Offset Guidance
- Permit Teams
- Community Outreach

BACT/LAER Guidance

- Initiative to reduce permitting burden for Tier 2 projects;
- EPA will identify generally acceptable control technology for certain refinery units and pollutants--
  - NOx emissions from Refinery Heaters;
  - VOC emissions from Refinery Equipment;
- BACT & LAER remain case-by-case determinations.

BACT/LAER Guidance

- Development schedule:
  - Internal Agency review now underway
  - Public Review via web site and FR
  - Final Distribution to State and local agencies
- EPA contact: David Solomon
  - (919) 541-5375, or
  - solomon.david@epa.gov

Offset Guidance

- Initiative to provide support for use of Tier 2 reductions as NSR offsets;
- Guidance addresses creditability of Tier 2 reductions;
- Does not ensure availability of offsets;
- States must decide on how they will use available Tier 2 reductions.

Offset Guidance

- Internal Agency review is forthcoming;
- Public review of draft guidance via web site and Federal Register;
- Final guidance distributed to State and local agencies.
- EPA contact: Dan deRoeck
  - 919/541-5593
  - deroeck.dan@epa.gov

Special Permitting Teams

- EPA HQ & Regional staff knowledgeable about NSR, refinery operations and EJ;
- National Team + Regional Teams
- Encourage S/L agencies & refiners to identify potential issues early;

Special Permitting Teams

- National Permitting Team
  - comprised of HQ & Regional Reps
  - track permitting issues
  - monitor progress of permitting activities
  - assist in issue resolution
  - technical support as needed
- EPA contact: Dan deRoeck
  - 919/541-5593, or
  - deroeck.dan@epa.gov

Special Permitting Teams

- EPA Regional Permitting Teams
  - NSR, EJ expertise directly available to S/L permitting authorities
  - technical assistance to refineries as needed
  - outreach and educational projects to communities as needed

Summary of Refinery Location

Region	Refineries	In NAA [O_3/SO_2]
II	4	4/0
III	9	4/2
IV	6	0/0
V	17	6/3
VI	46	16/0
VII	3	0/0
VIII	17	0/6
IX	16	14/0
X	7	0/0

Environmental Justice

- Stakeholder Convening Report
  - Interviewed broad spectrum of stakeholders
  - Recommended action items address stakeholder concerns
  - Final Phase 1 and 2 Reports are available
    - Phase 1: Permit streamlining options
    - Phase 2: Community concerns

Environmental Justice *(continued)*

- EJ "Communications Package"
  - Tier 2 benefits estimates
  - Demographic/socioeconomic data for communities around affected refinery
  - Emission estimates (recomm provided by refinery)
  - Additional information--working with NEJAC to enhance community understanding

Environmental Justice

- Future Outreach Efforts
  - Community workshops & stakeholders meetings (education and outreach)
  - Coordination with Permitting Teams
- EPA contact: Chebryll Edwards
  - 919/541-5428, or
  - edwards.chebryll@epa.gov

thanks for
listening