

API/NPRA Tier 2 Implementation Workshop



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U.S. EPA

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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- **Public review of draft guidance via web site and Federal Register;**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

<u>Region</u>	<u>Refineries</u>	<u>In NAA</u> <u>[O₃/SO₂]</u>
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*

