



Linda S. Adams  
Secretary for  
Environmental Protection

# Air Resources Board

Robert F. Sawyer, Ph.D., Chair  
1001 I Street • P.O. Box 2815  
Sacramento, California 95812 • [www.arb.ca.gov](http://www.arb.ca.gov)



Arnold Schwarzenegger  
Governor

June 16, 2006

To: Public, Interested Community Members, Government Officials, and Industry Representatives

I would like to invite you to participate in the second public meeting to discuss potential future emission control measures to reduce railroad emissions. These semi-annual meetings are being convened by the California Air Resources Board (ARB), Union Pacific Railroad (UPRR), and BNSF Railway (BNSF) as part of the Statewide Rail Yard Agreement (Agreement). The meeting will be held at the following time and place:

PLACE: Cal/EPA Headquarters Building  
Byron Sher Auditorium  
1001 I Street – 2<sup>nd</sup> Floor  
Sacramento, California 95814  
DATE: Thursday - July 13, 2006  
TIME: 9:30 am – 3:30 pm

Please contact ARB's Disability Coordinator at (916) 323-4916 by voice or through the California Relay Services at 711, to place your request for disability services. If you are a person with limited English and would like to request interpreter services, please contact ARB's Bilingual Manager at (916) 323-7053.

This public meeting will be webcast. You may access the webcast at ARB's homepage: [http://www.arb.ca.gov/app/calendar/cal\\_wbcst.php](http://www.arb.ca.gov/app/calendar/cal_wbcst.php). In addition, this public meeting will have teleconference capabilities. To participate by teleconference, dial (888) 469-3348 and give the participant code: 34688 and leader name: Harold Holmes. For international calls dial +1-210-234-0003: the participant code and leader name are listed above. We will also accept comments and questions sent via email to [onair@arb.ca.gov](mailto:onair@arb.ca.gov).

More detailed information on these semi-annual public meetings can be found at ARB website: <http://www.arb.ca.gov/railyard/railyard.htm>.

Under the Agreement, ARB and railroads will hold these technical evaluation meetings at least every six months and will prepare a written progress report on these meetings annually. These meetings provide an opportunity for the public to help identify and discuss future railroad emission control measures that can be implemented in the

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.*

California Environmental Protection Agency

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near-term, mid-term, and long-term. These meetings also provide the opportunity for the public to hear about the latest information on railroad emission control technologies and to explore additional ways to reduce railroad emissions. We are encouraging the broadest possible range of public participation to provide the greatest opportunities for exchanging ideas on innovative technologies and strategies to reduce railroad emissions. Please see the attached agenda for this meeting.

Please note that time is allocated at this meeting to discuss topics for presentations at future meetings. Individuals are encouraged to submit suggestions for topics at future meetings. All suggestions of promising technologies submitted prior to the meeting will be presented as a list to the meeting participants and will be used to discuss and identify topics for future meetings. You can submit your suggestions prior to the meeting to:

California Air Resources Board  
P.O. Box 2815 – 6th Floor  
Sacramento, California 95812  
Attn: Harold Holmes, Manager  
Engineering Evaluation Section  
email: [hholmes@arb.ca.gov](mailto:hholmes@arb.ca.gov)

This meeting will focus on discussions of European and United States experiences and discussions of current and planned locomotive emission control research and demonstration projects.

If you have questions about the upcoming public meeting, please feel free to contact Mr. Dean C. Simeroth, Chief, Criteria Pollutants Branch at (916) 322-6020.

Sincerely,

/s/ by RDF

Robert D. Fletcher, Chief  
Stationary Source Division

Attachment

cc: Dean C. Simeroth, Chief  
Criteria Pollutants Branch

Harold Holmes, Manager  
Engineering Evaluation Section

## **AGENDA**

### *STATEWIDE RAIL YARD AGREEMENT*

Second Public Meeting to Discuss Future Locomotive Emission Control Measures

Cal/EPA Building - California Air Resources Board  
Byron Sher Auditorium – 2<sup>nd</sup> Floor  
1001 I Street, Sacramento, California 95814

Dial-In #: (888) 469-3348  
Dial-In # for International Calls: +1-210-234-0003  
Participant Code: 34688  
Leader Name: Harold Holmes

**Thursday - July 13, 2006 – 9:30 am – 3:30 pm**

### **INTRODUCTIONS AND BACKGROUND 9:30 am – 10:00 am**

Bob Fletcher	Chief, Stationary Source Division – California Air Resources Board
Don Kopinski	Senior Project Manager – U.S. EPA National Vehicle and Fuel Emissions Laboratory/OAR

### **FIRST PANEL SESSION: European Locomotive Experiences 10:00 am – 11:15 am**

Dean Simeroth (Moderator)	Chief, Criteria Pollutants Branch – California Air Resources Board
Henry Hogo	Asst. Deputy Executive Officer – South Coast Air Quality Management District
Mike Iden	General Director – Car and Locomotive Technology – Union Pacific Railroad
Don Newburry	Research and Development Manager - Miratec Corp (Partner with HUG Eng.)
	Discussion
	Break

**SECOND PANEL SESSION: Locomotive Research and Demonstration Projects**  
**11:15 am – 12:30 pm**

Lanny Schmid      Director Environmental Field Operations (Union Pacific)  
(Moderator)

Tom Christofk      APCO – Placer County APCD – Roseville Locomotive Hood Project

Steve Fritz      Department of Emissions – Southwest Research Institute – DPF on  
Switchers

Dave Davies      Senior Executive – National Railway Equipment Company – Gen-Set  
Switchers

Karen Dzienkowski      Manager, Emissions – Railpower – Electric Hybrid Switchers

Discussion

Lunch

**THIRD PANEL SESSION: United States Locomotive Experiences 1:45 pm – 2:30 pm**

Mark Stehly      Assistant Vice President, Technical Research, Environment and  
(Moderator)      Development (BNSF Railway)

Dave Brann      Manager, Emissions – Electro-Motive Diesel, Inc. – Tier 3  
Locomotives

Peter Lawson      Product Manager North America – General Electric – Tier 3  
Locomotives

Discussion

Break

**TOPICS FOR NEXT MEETING 2:30 pm – 2:45 pm**

Discussion

**NEXT STEPS AND CLOSING REMARKS 2:45 pm – 3:00 pm**

Bob Fletcher      Chief, Stationary Source Division – California Air Resources Board