



Linda S. Adams  
Secretary for  
Environmental Protection

# Air Resources Board

Mary D. Nichols, Chairman  
1001 I Street • P.O. Box 2815  
Sacramento, California 95812 • [www.arb.ca.gov](http://www.arb.ca.gov)



Arnold Schwarzenegger  
Governor

March 8, 2011

Dear Sir or Madam:

The California Air Resources Board (ARB or Board) staff invites you to participate in a public consultation meeting to discuss ARB's draft regulatory concepts for amendments to the Transport Refrigeration Unit (TRU) Airborne Toxic Control Measure (ATCM). These amendments are in addition to those approved by the Board in November 2010.

At the workshop, staff will present draft regulatory concepts and receive comments for possible amendments to the TRU ATCM. These potential amendments include:

- Extending the current seven-year operational life;
- Clarifying the operational and recordkeeping requirements for hybrid electric TRUs and hybrid cryogenic temperature controlled TRUs to qualify as compliant under the Alternative Technology option;
- Requiring the party responsible for arranging perishable goods transport on California highways to ensure that only compliant TRUs are used;
- Clarifying compliance by repowering with a cleaner new or rebuilt engine;
- Allowing the Executive Officer to extend compliance dates up to one year when compliance technology is unavailable; and
- Making other amendments to clarify and improve implementation of the regulation, as listed in Attachment 1.

Additionally, staff will discuss updates to engine population, emissions inventory, assessment of emissions impacts, and public health impacts.

## Workshop Logistics Information

The workshop will be held at the following location, date and time:

DATE: Tuesday, March 29, 2011  
TIME: 10:00 a.m. – 12:00 p.m. (Pacific Time)  
LOCATION: Byron Sher Auditorium (2<sup>nd</sup> floor)  
ADDRESS: CalEPA Headquarters Building  
1001 I Street  
Sacramento, California 95814

*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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For directions, transportation options, and parking information for the public workshop, please visit the following webpage: <http://www.calepa.ca.gov/EPABldg/location.htm>. The workshop will also be available through webcast and teleconference. The webcast connection is at: <http://www.calepa.ca.gov/broadcast>. During the webcast, we will accept questions and comments sent via email to [auditorium@calepa.ca.gov](mailto:auditorium@calepa.ca.gov). Interested parties in the United States and Canada may call toll-free to 1-800-779-1505. Callers from Mexico may call into the toll number 1-212-287-1669. The participant pass code is 55390. The agenda and presentation, as well as any additional materials, will be available at the workshop and prior to the workshop on ARB's TRU website at: <http://www.arb.ca.gov/diesel/tru/tru.htm>. If you require a special accommodation or need this document in an alternative format (i.e. Braille, large print), or another language, please contact Ms. Linda Keifer at (916) 327-1505 as soon as possible, but no later than ten business days before the workshop. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

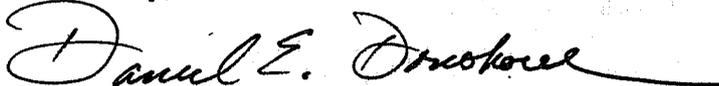
### **Background**

TRUs are refrigeration systems powered by diesel internal combustion engines designed to control the environment of temperature-sensitive products that are transported in trucks, trailers, shipping containers, and railcars. These units operate at California distribution centers, grocery stores and other facilities which are often in close proximity to residential neighborhoods. The emissions from these units pose a potential threat to both public health and the environment. In 2004, the TRU Airborne Toxic Control Measure (ATCM) was adopted to reduce diesel particulate matter (PM) emissions from TRU engines. Amendments were adopted by the Board in November 2010

### **Further Information**

We welcome your participation in development of this control measure amendment. If you have general questions regarding this public workshop, please contact Mr. Rod Hill at (916) 327-5636 or via email at [rhill@arb.ca.gov](mailto:rhill@arb.ca.gov), or Mr. Richard Boyd at (916) 322-8285 or via email at [rboyd@arb.ca.gov](mailto:rboyd@arb.ca.gov).

Sincerely,



Daniel E. Donohoue, Chief  
Emissions Assessment Branch  
Stationary Source Division

cc: see next page

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cc: Mr. Richard Boyd, Manager  
Process Evaluation Section  
Mr. Rod Hill  
Staff Air Pollution Specialist

## **Attachment 1**

### **Potential Amendments to the TRU ATCM for Discussion at Workshop #1 March 29, 2011**

- Add an exemption for obviously non-operational equipment
- Add an exemption for refrigeration systems not powered by an integral diesel engine
- Add an exemption for TRUs that are used during an emergency
- Add an exemption for low-use TRUs, provided they meet certain conditions (e.g. registered in ARB's Equipment Registration (ARBER) and equipped with an electronic tracking and reporting system)
- Clarify registration requirements, consistent with current ARBER screens
- Clarify prohibitions on sale of noncompliant units
- Clarify TRU dealer requirements and allowances for noncompliant equipment
- Clarify requirements for lessors and lessees
- Allow the use of the unit manufacture year instead of the engine model year for determining compliance requirements and dates, if certain conditions are met
- Allow alternative unique equipment numbers to be used instead of an ARB Identification Number, provided they are registered in ARBER and the number is affixed in accordance with IDN affixing requirements
- Allow ARB's Executive Officer to delay enforcement for 60 days if financing delivery, and installation are delayed, under certain conditions
- Require TRU original equipment manufacturers to provide supplemental labels and documentation to assist registration in ARBER
- Require repair shops that install replacement engines and in-use standard compliance technologies to provide registration documentation to assist registration in ARBER
- Require engine rebuilders to provide supplemental labels, emissions demonstration to ARB, and documentation to assist registration in ARBER