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Arnold Schwarzenegger
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Date: December 22, 2006
To: All Interested Parties
SUBJECT: California Showcase to Demonstrate Diesel Emission Control Strategies on Off-Road Equipment

The Diesel Risk Reduction Plan, adopted by the Air Resources Board (ARB or Board) in 2000, established a goal of reducing diesel particulate matter (PM) from virtually all in-use diesel engines in California. To implement emission controls for in-use diesel engines, ARB developed the *Verification Procedure, Warranty and In-use Compliance Requirements for In-Use Strategies to Control Emissions from Diesel Engines* (Verification Procedure). The Verification Procedure is used to verify reductions of diesel PM and/or oxides of nitrogen (NOx) from in-use diesel engines using a particular diesel emission control strategy (DECS).

To help achieve the goals established by the Diesel Risk Reduction Plan, in Spring 2007, ARB staff will present for Board consideration a regulation that would require the retrofit of in-use diesel, off-road equipment with verified DECS designed to control diesel PM and/or NOx emissions. In anticipation of the need for additional verified DECS for off-road equipment, ARB in conjunction with the South Coast Air Quality Management District (SCAQMD), and the Mobil Source Air Pollution Reduction Review Committee (MSRC), plans to organize and coordinate an Off-Road DECS Showcase (Showcase) project. Stakeholders in the Showcase project include other local air pollution control districts in California, United States Environmental Protection Agency (U.S. EPA), device manufacturers, and fleet operators.

The goals of the Showcase project are to generate useful operational data from retrofitted off-road equipment which will enable device manufacturers to verify their devices in California and to achieve early reductions in off-road equipment emissions. Manufacturers participating in the Showcase will gain valuable experience in working with off-road equipment, establish relationships with installers and fleet operators, and generate significant interest in their products. ARB is tentatively planning to implement the Showcase project in early 2007.

Currently, a minimum of one million dollars of funding has tentatively been identified for use in the project. This funding will be made available to qualifying manufacturers to provide DECS for specific off-road diesel equipment and vehicles. In addition, fleet

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California Environmental Protection Agency

owner/operators selected to participate in the Showcase project may benefit from partially or fully subsidized early compliance with the upcoming off-road retrofit regulations.

At this time, ARB is proposing that manufacturers having existing ARB verifications, or who are verified by the U.S. EPA Voluntary Retrofit Program or the Verminderung der Emissionen von Realmaschinen im Tunnelbau (VERT) program, are candidates for participation in the Showcase project. Manufacturers that can achieve at least an 85 percent PM reduction (Level 3), or who have technologies that can control NOx as well as PM, are encouraged to apply.

ARB is currently working with stakeholders to determine the final scope of the project. We hope to coordinate a diverse combination of devices and engines in an effort to verify as many devices as practicable for the broadest array of engines. Further information regarding the Showcase project, including information on the application process, rating criteria, and the selection process, will be provided as it becomes available.

For further information regarding the Showcase project, please contact Ms. Susan Reed at (626) 575-6847 or by email at sreed@arb.ca.gov, or Mr. Jeff Wilson at (916) 323-2809 or by email at jewilson@arb.ca.gov. Applications and additional requirements for participation in the Showcase will be available on our webpage at: www.arb.ca.gov/diesel/showcase/showcase.htm.

Sincerely,



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