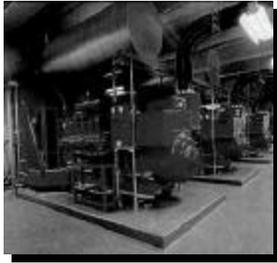


PUBLIC CONSULTATION MEETING TO DISCUSS REGULATORY APPROACHES TO REDUCE EMISSIONS FROM STATIONARY DIESEL-FUELED ENGINES

PM Control Technology Demonstration Programs For Stationary Diesel Engines

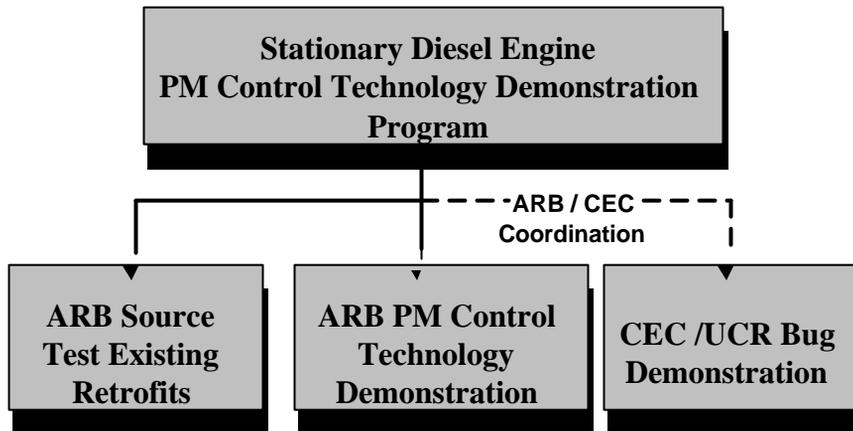


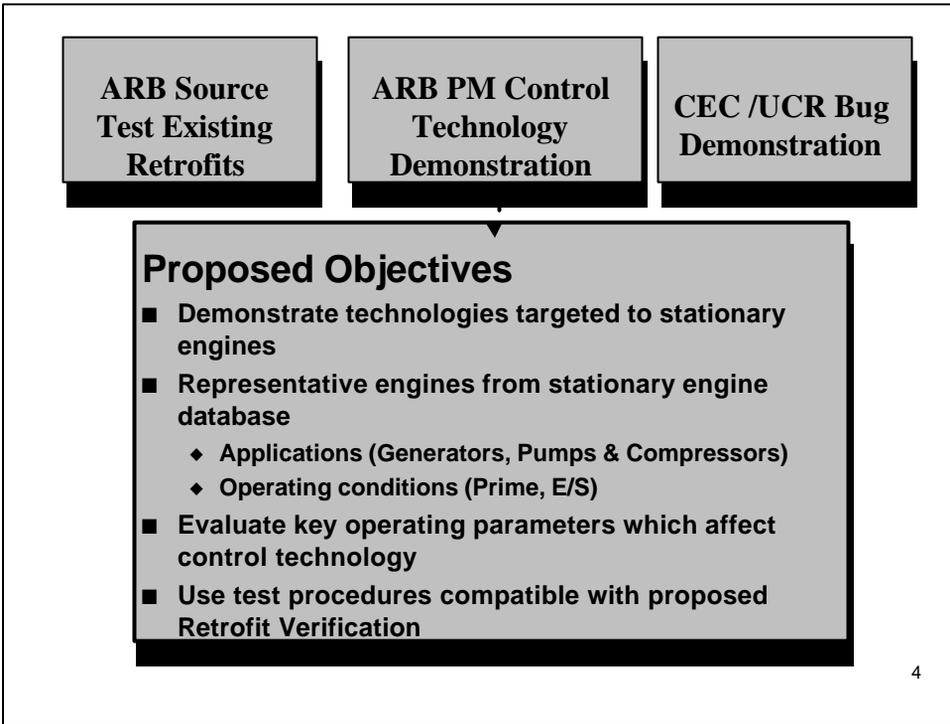
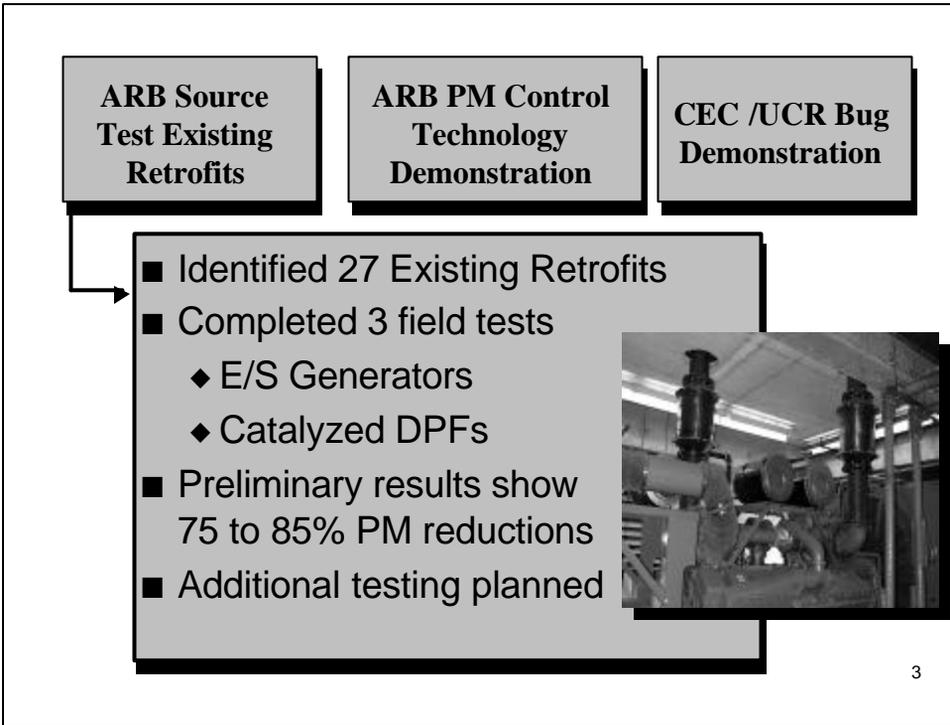
January 16, 2002

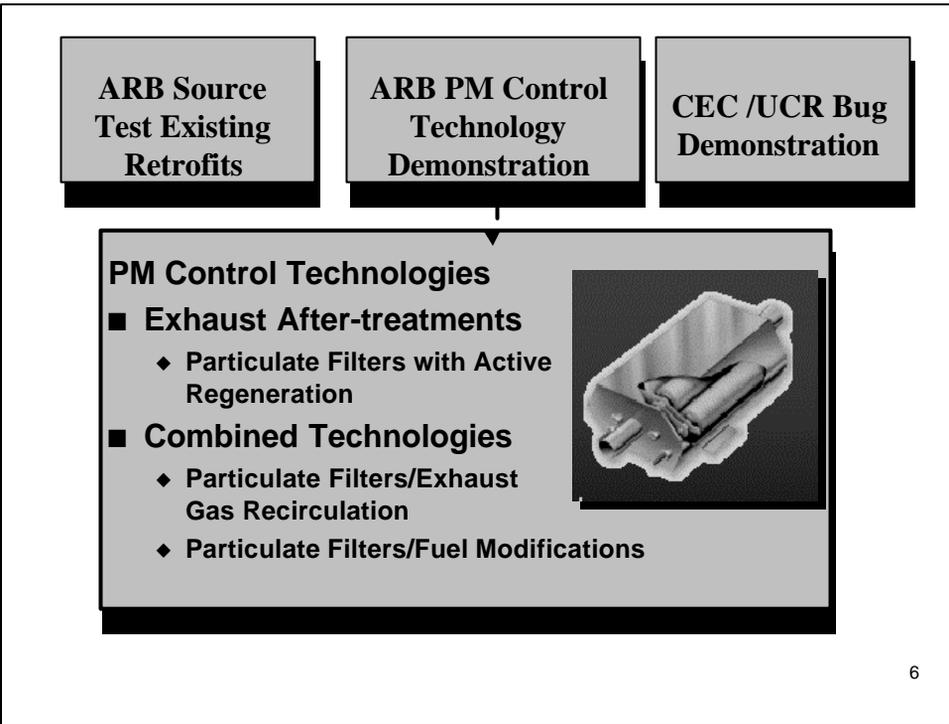
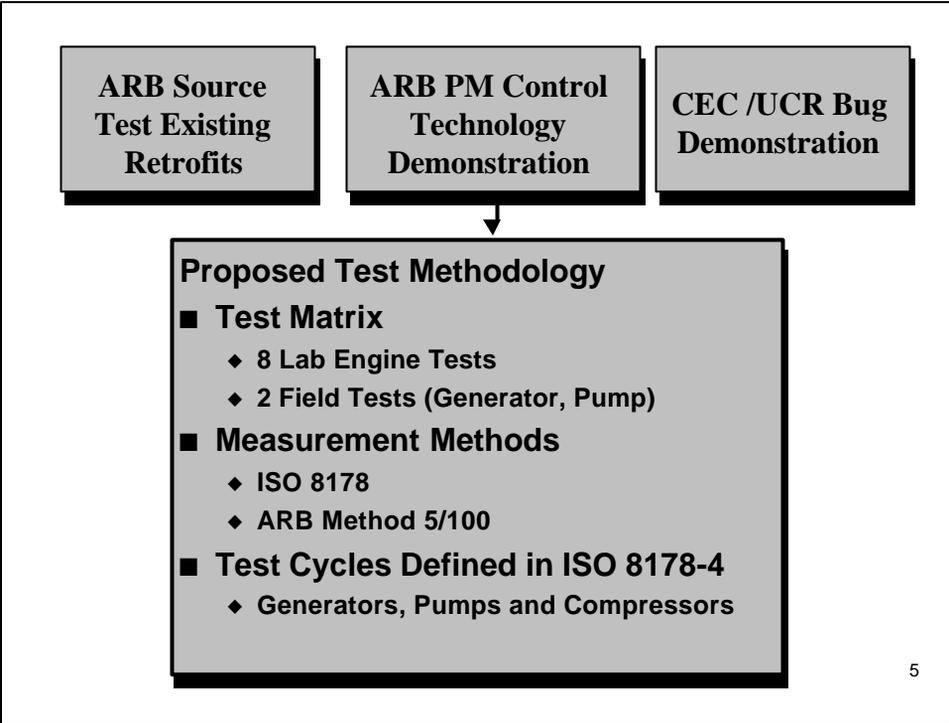


California Environmental Protection Agency

Air Resources Board







**ARB Source
Test Existing
Retrofits**

**ARB PM Control
Technology
Demonstration**

**CEC /UCR Bug
Demonstration**

Overview

- \$1.2 M project conducted by CEC and contracted to UCR Ce-Cert
- Measures in-use emissions from BUGs
- Studies the impacts of proven and emerging control technology
- Enhances sampling and analytical techniques
- Coordinates with ARB Demonstration and Proposed Verification Procedures

7

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Test Methodology

■ Test Matrix

- ◆ 12 baseline tests
- ◆ 3 Control Technologies
 - + Active PM traps
 - + Passive PM traps (2 manufacturers)
 - + Emulsified fuel/PM trap system
- ◆ 2 power ranges (500-750 and 1750-2000 kW)
- ◆ Initial reduction and 1/3 durability (333 hrs)

■ Measurement Methods

- ◆ ISO 8178
- ◆ Compare ARB 5/100 and ISO 8178 Methods

8

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11