



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

April 13, 2009

Ms. Roberta R. Flurry  
National Railway Equipment Company  
4240 Sotol Lane  
San Antonio, Texas 78261

Dear Ms. Flurry:

This letter is in reply to your request that we recognize the U.S. Environmental Protection Agency (U.S. EPA) emission test results for National Railway Equipment Company locomotives, using the 3 engine gen-set family 9NREG0060LOC. U.S. EPA issued a certificate of conformity, 9NREG0060LOC-004 (enclosed), for this engine family dated February 4, 2009. This certificate will expire on December 31, 2009. The certificate states that engine family 9NREG0060LOC conforms to applicable emission requirements for locomotives listed in Title 40 Code of Federal Regulations Part 92 (40 CFR 92).

As you know, in 1998, the BNSF Railway Company and Union Pacific Railroad Company (Participating Railroads), along with the Air Resources Board entered into a Memorandum of Mutual Understandings and Agreements<sup>1</sup> (1998 MOU) to reduce locomotive emissions in the South Coast Air Basin. Under the 1998 MOU, beginning no later than 2010, each Participating Railroad must calculate the fleet average for oxides of nitrogen (NOx) emissions from its locomotive fleet operating in the South Coast Air Basin. The fleet average is calculated using the emission level, as determined pursuant to 40 CFR 92 for the line-haul duty cycle, for each locomotive in operation in the South Coast Nonattainment Area.

Based on U.S. EPA certificate of conformity, 9NREG0060LOC-004, we recognize that engine family 9NREG0060LOC has a line-haul NOx emission level of 3.0 g/bhp-hr and a line-haul particulate matter emission level of 0.1 g/bhp-hr. This NOx emission level for engine family 9NREG0060LOC can be used in calculating the average NOx emissions for a locomotive fleet operating in the South Coast Air Basin.

The emission level listed in this letter will be superseded if U.S. EPA revises the certificate of conformity referenced in this letter.

<sup>1</sup> MEMORANDUM OF MUTUAL UNDERSTANDINGS AND AGREEMENTS, South Coast Locomotive Fleet Average Emissions Program, July 2, 1998

*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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If you have any questions please contact Mr. Harold Holmes, Manager, Engineering Evaluation Section, at (916) 324-8029, or at [hholmes@arb.ca.gov](mailto:hholmes@arb.ca.gov).

Sincerely,

  
Dean C. Simeroth, Chief,  
Criteria Pollutants Branch

Enclosure

cc: Mr. Glenn Passavant, Director  
U.S. EPA National Vehicle and  
Fuel Emissions Laboratory/OAR  
2565 Plymouth Road  
Mail Code: AANC  
Ann Arbor, Michigan 48105

Mr. Lawrence P. Oeler  
U.S. EPA Headquarters  
Ariel Rios Building  
1200 Pennsylvania Avenue, N. W.  
Mail Code: 6403J  
Washington, D.C. 20460

Mr. Harold Holmes, Manager  
Engineering Evaluation Section