



State of New Jersey  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
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JON S. CORZINE  
Governor

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Commissioner

October 29, 2007

The Honorable Alan J. Steinberg  
Regional Administrator  
United States Environmental Protection Agency  
Region 2  
290 Broadway- 26<sup>th</sup> Floor  
New York, New York 10007-1866

Dear Regional Administrator Steinberg:

Enclosed for your review and approval are revisions to the New Jersey State Implementation Plan (SIP) for the Attainment and Maintenance of the 8-Hour Ozone National Ambient Air Quality Standard.

New Jersey is part of two 8-hour ozone nonattainment areas: the Northern New Jersey/New York/Connecticut nonattainment area, which includes a portion of New York and Connecticut, and the Southern New Jersey/Philadelphia nonattainment area, which includes all of Delaware and portions of Pennsylvania and Maryland. The primary purpose for this SIP revision is for New Jersey to demonstrate that these two multi-state 8-hour ozone nonattainment areas will attain the 8-hour ozone NAAQS by their mandatory attainment date of June 15, 2010. According to the United States Environmental Protection Agency (USEPA) guidance,<sup>1</sup> areas that have an attainment date of no later than June 15, 2010, must implement the emission reductions needed for attainment no later than the beginning of the 2009 ozone season (June 2009). Otherwise the emission reductions will not affect the monitored ozone in 2009, which is the last ozone season before the attainment date of June 15, 2010. This attainment demonstration is based primarily on photochemical air quality simulation modeling that includes the

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<sup>1</sup> The USEPA finalized modeling guidance for 8-hour ozone attainment demonstrations in October of 2005 but subsequently incorporated the ozone guidance in the final 2007 guidance for regional haze and PM<sub>2.5</sub>:

USEPA. Guidance on the Use of Models and Other Related Analyses in Attainment Demonstrations for the 8-Hour Ozone NAAQS. United States Environmental Protection Agency, Office of Air Quality Planning and Standards, Emissions, Monitoring, and Analysis Division, Air Quality Modeling Group, Research Triangle Park, NC, EPA-454/R-05-002, October 2005.

USEPA. Guidance on the Use of Models and Other Analyses for Demonstrating Attainment of Air Quality Goals for Ozone, PM<sub>2.5</sub>, and Regional Haze. United States Environmental Protection Agency, Office of Air Quality Planning and Standards, Air Quality Analysis Division, Air Quality Modeling Group, Research Triangle Park, NC, EPA-454/B-07-002, April 2007.

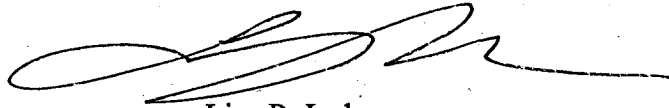
implementation of numerous additional control measures prior to the summer of 2009. This plausible demonstration also incorporates the latest scientific information from the University of Maryland that considers some of the uncertainties and biases when using atmospheric models. The remainder of the SIP revision addresses the other mandatory SIP elements for 8-hour ozone and other related issues, with the exception of the Reasonably Available Control Technology analysis, which we transmitted to you as final on August 7, 2007 (under a cover letter dated August 1, 2007). Specifically, the primary additional SIP components include:

- A demonstration that the State will more than meet its Reasonable Further Progress targets for both 2008 and 2009, using the same control measures applied in the State's 2009 attainment demonstration;
- A Reasonably Available Control Measures (RACM) analysis which demonstrates that there are no other reasonable measures that would advance the nonattainment areas' attainment date by one year;
- Contingency measures for the 2008 Reasonably Further Progress (RFP) milestone and the 2009 attainment milestone;
- Onroad vehicle emission budgets for use by the Metropolitan Planning Organizations to ensure their plans and programs are in conformance with the SIP;
- General conformity emission budgets for use by McGuire Air Force Base and Lakehurst Naval Air Station to ensure that emissions from their operations also conform to the requirements of the SIP;
- A request that the USEPA make a finding that three out of the four 1-hour ozone nonattainment areas to which New Jersey belongs are meeting the 1-hour standard; and,
- A request that the USEPA, in reviewing the attainment demonstrations and all other SIP revisions from other states, take into consideration their impact on New Jersey's attainment obligations, and insure that other states are doing all they can to help the multi-state nonattainment areas attain as soon as practicable.

On June 15, 2007, we forwarded a copy of this proposed SIP to you for review. The New Jersey Department of Environment Protection (NJDEP) held a public hearing on New Jersey's proposal on August 1, 2007, and accepted written comments relevant to the proposal until the close of business on August 8, 2007. A summary of comments received on this SIP revision, as well as the State's responses to those comments, is included as part of the enclosed SIP submittal document in Appendix H. Appendix H also includes a summary of all substantive NJDEP-initiated changes to the SIP document since proposal. In our submittal of the proposal version of SIP revision, we requested that the USEPA parallel process this SIP revision.

If you have any questions regarding this proposal, please contact William O'Sullivan, Director of the Division of Air Quality, at (609) 984-1484.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Lisa P. Jackson', with a long horizontal flourish extending to the right.

Lisa P. Jackson  
Commissioner

Enclosure

c: Raymond W. Werner, Chief, Air Programs Branch, USEPA Regional  
Nancy Wittenberg, Assistant Commissioner