

## Environmental Protection Agency

## §51.1009

data analysis requirements in 40 CFR part 50, appendix N).

### **§51.1006 Redesignation to nonattainment following initial designations for the PM<sub>2.5</sub> NAAQS.**

Any area that is initially designated “attainment/unclassifiable” for the PM<sub>2.5</sub> NAAQS may be subsequently redesignated to nonattainment if ambient air quality data in future years indicate that such a redesignation is appropriate. For any such area that is redesignated to nonattainment for the PM<sub>2.5</sub> NAAQS, any absolute, fixed date that is applicable in connection with the requirements of this part is extended by a period of time equal to the length of time between the effective date of the initial designation for the PM<sub>2.5</sub> NAAQS and the effective date of redesignation, except as otherwise provided in this subpart.

### **§51.1007 Attainment demonstration and modeling requirements.**

(a) For any area designated as nonattainment for the PM<sub>2.5</sub> NAAQS, the State must submit an attainment demonstration showing that the area will attain the annual and 24-hour standards as expeditiously as practicable. The demonstration must meet the requirements of §51.112 and Appendix W of this part and must include inventory data, modeling results, and emission reduction analyses on which the State has based its projected attainment date. The attainment date justified by the demonstration must be consistent with the requirements of §51.1004(a). The modeled strategies must be consistent with requirements in §51.1009 for RFP and in §51.1010 for RACT and RACM. The attainment demonstration and supporting air quality modeling should be consistent with EPA’s PM<sub>2.5</sub> modeling guidance.

(b) *Required time frame for obtaining emissions reductions.* For each nonattainment area, the State implementation plan must provide for implementation of all control measures needed for attainment as expeditiously as practicable, but no later than the beginning of the year prior to the attainment date. Consistent with section 172(c)(1) of the Act, the plan must provide for implementation of all RACM

and RACT as expeditiously as practicable. The plan also must include RFP milestones in accordance with §51.1009, and control measures needed to meet these milestones, as necessary.

### **§51.1008 Emission inventory requirements for the PM<sub>2.5</sub> NAAQS.**

(a) For purposes of meeting the emission inventory requirements of section 172(c)(3) of the Act for nonattainment areas, the State shall, no later than three years after designation:

(1) Submit to EPA Statewide emission inventories for direct PM<sub>2.5</sub> emissions and emissions of PM<sub>2.5</sub> precursors. For purposes of defining the data elements for these inventories, the PM<sub>2.5</sub> and PM<sub>2.5</sub> precursor-relevant data element requirements under subpart A of this part shall apply.

(2) Submit any additional emission inventory information needed to support an attainment demonstration and RFP plan ensuring expeditious attainment of the annual and 24-hour PM<sub>2.5</sub> standards.

(b) For inventories required for submission under paragraph (a) of this section, a baseline emission inventory is required for the attainment demonstration required under §51.1007 and for meeting RFP requirements under §51.1009. As determined on the date of designation, the base year for this inventory shall be the most recent calendar year for which a complete inventory was required to be submitted to EPA pursuant to subpart A of this part. The baseline emission inventory for calendar year 2002 or other suitable year shall be used for attainment planning and RFP plans for areas initially designated nonattainment for the PM<sub>2.5</sub> NAAQS in 2004–2005.

### **§51.1009 Reasonable further progress (RFP) requirements.**

(a) Consistent with section 172(c)(2) of the Act, State implementation plans for areas designated nonattainment for the PM<sub>2.5</sub> NAAQS must demonstrate reasonable further progress as provided in §51.1009(b) through (h).

(b) If the State submits to EPA an attainment demonstration and State implementation plan for an area which demonstrates that it will attain the PM NAAQS within five years of the