

approved on November 13, 2001 (66 FR 56931).

(8) The VOC RACT requirements of section 182(b)(2) were approved as follows: primary submittal on August 15, 1994 (59 FR 41709) and April 27, 1995 (60 FR 20643); yeast manufacturing, molded wood parts or products coating, and wood door finishing on June 30, 1995 (60 FR 34170); screen printing and negative declarations on July 28, 1995 (60 FR 38722); iron and steel foundries on February 13, 1996 (61 FR 5514); wood furniture coating on April 4, 1996 (61 FR 14972); lithographic printing on April 9, 1996 (61 FR 105706); industrial adhesives on April 25, 1996 (61 FR 18257); and industrial solvent cleaning, plastic parts coating, and ink manufacturing on November 13, 2001 (66 FR 56931).

(9) The Stage II gasoline vapor recovery rules required by section 182(b)(3) were approved on August 13, 1993 (58 FR 43080).

(10) The motor vehicle inspection and maintenance (I/M) requirement to satisfy section 182(b)(4) is not applicable for Manitowoc County because there are no urbanized areas in Manitowoc County exceeding the population threshold specified in EPA's I/M rule (51 CFR Part 350).

(11) On July 13, 1994, Wisconsin submitted a section 182(f) NO<sub>x</sub> petition to be relieved of the section 182(f) NO<sub>x</sub> requirements based on urban airshed modeling (UAM). The modeling showed that NO<sub>x</sub> emission reductions would not contribute to attainment of the ozone standard. EPA approved the section 182(f) petition on January 26, 1996 (61 FR 2428). On November 13, 2001 (66 FR 56931), EPA approved a revision to the 182(f) exemption which states that NO<sub>x</sub> emission reductions other than those contained in the attainment demonstration are not necessary for attainment. A NO<sub>x</sub> waiver remains in effect for the areas.

#### c. Fully Approved SIP Under Section 110(k) of the Act

Wisconsin has presented an adequate demonstration that the State has met all the requirements applicable to the areas under section 110 and part D. EPA has approved all relevant portions of the Wisconsin SIP for Manitowoc and Door Counties.

#### d. Improvement in Air Quality Due to Permanent and Enforceable Measures

The State must be able to reasonably attribute the improvement in air quality to emission reductions which are permanent and enforceable. To satisfy this requirement, the State has

calculated the change in emissions between 1990 and 1999 and has documented specific permanent and enforceable programs responsible for emission reductions over this time period.

Wisconsin is using 1990 for the nonattainment inventory because it is one of the years used to determine the design value of the areas for designation and classification. The 1990 inventory is based on the 1990 Base Year Emissions Inventory required by section 182(a)(1) and approved by EPA on June 15, 1994 (59 FR 30702). For comparison, the state developed a baseline inventory for 1999, one of the years the areas monitored attainment.

For the 1990 through 1999 time period, the state has quantified emission reductions from the following permanent and enforceable measures: Federal "Tier 0" vehicle standards; 1992 gasoline Reid vapor pressure change; Federal "Tier 1" vehicle standards; Federal architectural, industrial and maintenance coatings rule; Federal consumer and commercial products rule; autobody refinishing rule; Stage II vapor recovery; traffic markings rule; gasoline station tank breathing rule; Federal non-road engine standards; wood furniture coating rule; miscellaneous wood products coating rule; industrial adhesives rule; lithographic printing rule; and plastic parts coating rule.

Based on the inventories described above, Wisconsin's submittal documents changes in VOC and NO<sub>x</sub> emissions from 1990 to 1999 for each county. Those changes in emissions are shown in tables 2 through 5 below.<sup>1</sup>

TABLE 2.—DOOR COUNTY 1990–1999 VOC EMISSION REDUCTIONS  
[tons per day]

Sector	1990	1999	Net change 1990–1999
Point .....	0.00	0.14	0.14
Area .....	5.92	2.61	–3.31
Non-Road			
Mobile ....	4.15	4.41	0.26
Mobile .....	3.34	1.73	–1.61
Total .....	13.41	8.89	–4.52

<sup>1</sup> Any discrepancies between the table totals and the sum of their constituent values are due to rounding conventions. The sector totals were actually figured to three decimal places, summed, and then rounded to two decimal places to obtain the total emissions.

TABLE 3.—DOOR COUNTY 1990–1999 NO<sub>x</sub> EMISSION REDUCTIONS  
[tons per day]

Sector	1990	1999	Net change 1990–1999
Point .....	0.00	0.02	0.02
Area .....	0.54	0.35	–0.19
Non-Road			
Mobile ....	0.84	1.02	0.18
Mobile .....	3.23	2.69	–0.54
Total .....	4.61	4.07	–0.54

TABLE 4.—MANITOWOC COUNTY 1990–1999 VOC EMISSION REDUCTIONS  
[tons per day]

Sector	1990	1999	Net change 1990–1999
Point .....	1.16	1.92	0.76
Area .....	9.40	6.28	–3.12
Non-Road			
Mobile ....	2.26	2.34	0.08
Mobile .....	9.16	4.36	–4.80
Total .....	21.98	14.90	–7.08

TABLE 5.—MANITOWOC COUNTY 1990–1999 NO<sub>x</sub> EMISSION REDUCTIONS  
[tons per day]

Sector	1990	1999	Net change 1990–1999
Point .....	3.20	3.39	0.19
Area .....	1.57	1.06	–0.51
Non-Road			
Mobile ....	1.91	2.47	0.56
Mobile .....	8.81	7.93	–0.88
Total .....	15.49	14.86	–0.63

Tables 2 and 3 show that Door County reduced VOC emissions by 4.52 tons per day and NO<sub>x</sub> emissions by 0.54 tons per day between 1990 and 1999. Tables 4 and 5 show that Manitowoc County reduced VOC emissions by 7.08 tons per day and NO<sub>x</sub> emissions by 0.63 tons per day between 1990 and 1999.

Based on this information, the State has adequately demonstrated that the improvement in air quality is due to permanent and enforceable emissions reductions.

#### e. Fully Approved Maintenance Plan Under Section 175A

Section 175A of the Act sets forth the elements of a maintenance plan for areas seeking redesignation from nonattainment to attainment. The plan must demonstrate continued attainment of the applicable NAAQS for at least 10 years after the EPA approves a