3. Fully Approved SIP Under Section 110(k) of the CAA

Based on the approval of provisions under the pre-amended CAA and EPA's prior approval of SIP revisions under the 1990 Amendments, EPA has determined that the Duval County area has a fully approved SIP under section 110(k), which also meets the applicable requirements of section 110 and part D as discussed above.

4. Improvement in Air Quality Due to Permanent and Enforceable Measures

Under the pre-amended CAA, EPA approved the Florida SIP control strategy for the Duval County nonattainment area, satisfied that the rules and the emission reductions achieved as a result of those rules were enforceable. The control measures to which the emission reductions are attributed are volatile organic compound (VOC) reasonably available control technology (RACT) regulations, Stage I vapor recovery provisions, Federal Motor Vehicle Control Program (FMVCP), and lower Reid Vapor Pressure (RVP). RACT regulations reduced VOC emissions from those sources subject to RACT by 28% from 1977 through 1990. Stage I controls applicable to gasoline stations previously not subject to regulations reduced VOC emissions from those sources by 82% from 1981 through 1990. The FMVCP reduced VOC emissions from motor vehicles by

31.82% from 1985 to 1992. The reduction in RVP from 11.5 psi in 1985 to 7.8 psi in 1992 has reduced summertime VOC mobile source emissions by 25.36%.

In association with its emission inventory discussed below, the State of Florida has demonstrated that actual enforceable emission reductions are responsible for the air quality improvement and that the VOC emissions in the base year are not artificially low due to local economic downturn. EPA finds that the combination of existing EPA-approved state and federal measures contribute to the permanence and enforceability of reduction in ambient O₃ levels that have allowed the area to attain the NAAQS.

5. Fully Approved Maintenance Plan Under Section 175A

Section 175A of the CAA 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 ten years after the Administrator approves a redesignation to attainment. Eight years after the redesignation, the state must submit a revised maintenance plan which demonstrates attainment for the ten years following the initial ten-year period. To provide for the possibility of future NAAOS violations. the maintenance plan must contain contingency measures, with a schedule

for implementation, adequate to assure prompt correction of any air quality problems. In this notice, EPA is approving the State of Florida's maintenance plan for the Duval County area because EPA finds that Florida's submittal meets the requirements of section 175A.

A. Emissions Inventory—Base Year Inventory

On November 16, 1992, the State of Florida submitted comprehensive inventories of VOCs, nitrogen oxides (NO_X), and carbon monoxide (CO) emissions from the Duval County area. The inventories include biogenic, area, stationary, and mobile sources using 1990 as the base year for calculations to demonstrate maintenance. The 1990 inventory is considered representative of attainment conditions because the NAAQS was not violated during 1990. This inventory is being approved in this notice.

The State submittal contains the detailed inventory data and summaries by county and source category. The comprehensive base year emissions inventory was submitted in the NEDS format. Finally, this inventory was prepared in accordance with EPA guidance. It also contains summary tables of the base year and projected maintenance year inventories. EPA's TSD contains more in-depth details regarding the base year inventory for the Duval County area.

VOC EMISSIONS INVENTORY SUMMARY

[Tons per day]

	1990	1994	1997	2000	2005
Stationary point Stationary area Highway mobile Non-Highway mobile Biogenic	15.60 51.25 82.49 24.63 45.53	17.01 46.00 54.24 26.36 45.53	18.14 44.65 51.10 27.22 45.53	19.20 45.71 49.09 29.10 45.53	20.87 39.24 48.33 29.41 45.53
Total	219.50	189.14	186.64	188.63	183.38

NO_X Emissions Inventory Summary [Tons per day]

	1990	1994	1997	2000	2005
Stationary point Stationary area On-Road mobile Non-Road mobile	101.16 8.37 61.40 21.07	103.21 12.54 60.60 21.71	103.47 13.03 59.92 22.26	105.95 13.72 58.91 22.83	108.87 14.67 59.11 23.74
Total	192.00	198.06	198.68	201.41	206.39