

Muscogee County, Georgia Lead Attainment Plan
Effective Redesignation Date:6/11/99 (64 FR 17751,4/12/99)

Background of the Plan: On January 6, 1992, Environmental Protection Agency (EPA) designated the portion of Muscogee County around the GNB, Inc., lead smelter and battery production facility as nonattainment for lead. This nonattainment designation was based on lead National Ambient Air Quality Standard (NAAQS) violations from monitors located near the GNB facility that were recorded the first, second, and fourth quarter of the calendar year 1991.

On

July 23, 1993, the Georgia Environmental Protection Division (EPD) submitted a lead control strategy State Implementation Plan (SIP) for attaining the NAAQS in Muscogee County. EPA found the SIP to be inadequate because it did not meet the requirements of section 172(c) of the Clean Air Act (CAA) and requested that Georgia EPD submit a new lead SIP as well as a redesignation request which was dated September 28, 1998. The Lead SIP met the requirements of the CAA and demonstrated that the Muscogee County area was attaining the lead NAAQS.

Summary of the Plan: EPA simultaneously approved the lead (SIP) and redesignation request for the Muscogee County, Georgia lead nonattainment area on June 11, 1999.

Control Measures: •Reasonably Available Control Measures(RACM)
•Reasonably Available Control Technology(RACT)

Contingency: The Georgia lead SIP contains the following three contingency measures:

1. Speed breaker control of truck speed and minimization of re entrainment of fugitive dust on the roadway.
2. Enclosure of drum dump for the oxide vacuum system, smelter vacuum system, and fugitive baghouses to contain any lead dust generated during cleaning.
3. Connection of the discharge from both vacuum systems to baghouses to provide secondary filtration. The SIP provides that all three measures be implemented within 60 days after notification to GNB by Georgia EPD that the NAAQS has been violated in the Muscogee County area.

Emission Reductions: The implementation of RACM (including RACT) by the GNB facility provides enforceable and permanent emission reductions needed to attain and maintain the lead NAAQS at this time. This is evidenced by the area having more than 25 consecutive quarters of clean air quality data. Furthermore, the modeling study shows that the area will remain in attainment through the year 2009.

Federal Register:

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