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SIP Revision: Nitrogen Oxides (NO_x) Reasonably Available Control Technology (RACT), August 13, 1992

Implementation Plan (SIP) revision to address Section 182(f) of the 1990 Federal Clean Air Act (FCAA) Amendments that applied to RACT.

Summary of the SIP Revision

Adoption Date: 09/13/1992

Background: Section 182(f) of the 1990 FCAA Amendments required that states apply RACT to major stationary NO_x sources in ozone nonattainment areas unless the state determined that such controls would not result in improvements in ozone concentrations. On August 13, 1992, the TACB adopted a SIP revision containing this analysis and any controls needed to implement RACT.

Key Changes: As a result of the low volatile organic compounds (VOC)-to-NO_x ratios in the El Paso and Dallas-Fort Worth (DFW) nonattainment areas, the plan called for weighing modeling results heavily in developing NO_x RACT policy for the two areas. However, at the time of this SIP revision, the TACB had not completed the photochemical grid modeling needed for such analysis, so a NO_x RACT policy change for those areas was not yet supportable. This SIP revision included a request to delay the submission schedule for the DFW and El Paso nonattainment areas to allow for the completion of the modeling.

The SIP also included a request to use an "escape clause" for the Houston-Galveston (HGA) and Beaumont-Port Arthur (BPA) areas. This clause allowed states to avoid applying RACT for NO_x sources in areas where NO_x reductions could cause increases in ozone formation.

SIP Narrative and Appendices

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NO_x RACT SIP Revision

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