

**SANTA BARBARA COUNTY
AIR POLLUTION CONTROL DISTRICT
POLICIES AND PROCEDURES**

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Topic: Application of NAR and PSD to Affected Pollutants

Distribution: APCD Staff

This memo provides guidelines on when to apply the NAR and PSD provisions of Regulation VIII to affected pollutants. When processing an application for Authority to Construct or Permit to Operate, all the requirements of the applicable provisions of Regulation VIII, as referenced in Table 1, should be evaluated.

When both PSD and NAR Regulations apply to an emitted compound, both regulations must be fulfilled. For example, if NO_x Net Emission Increases exceed 120 pounds per day, both PSD offset requirements (to mitigate NO₂) and NAR offset requirements (to mitigate O₃) must be met. If reductions in ROC emissions are used as an inter-pollutant offset for the NO_x contribution to ozone formation (under NAR), reductions in NO_x emissions will also be required to mitigate the NO_x contribution to NO₂ (under PSD).

Where NAR and PSD requirements conflict, the requirement most protective of air quality shall apply.

Table 1

<u>Compound Emitted</u>	<u>Pollutant Formed</u>	<u>Applicable NSR Provision</u>
TSP	TSP	PSD
SO _x	SO ₂	PSD
SO _x	PM ₁₀	NAR
NO _x	NO ₂	PSD
NO _x	PM ₁₀	NAR
NO _x	O ₃	NAR
ROC	ROC	PSD
ROC	PM ₁₀	NAR
ROC	O ₃	NAR
PM ₁₀	PM ₁₀	PSD
PM ₁₀	PM ₁₀	NAR
CO	CO	PSD
Other (1)	Other (1)	PSD

(1) Other includes ethylene, lead, asbestos, beryllium, mercury, vinyl chloride, fluorides, sulfuric acid mist, hydrogen sulfide, total reduced sulfur, reduced sulfur compounds and other attainment pollutants.

Policies and Procedures Memoranda are intended to provide agency staff, applicants and the public guidance relative to standardized District procedures. These policies and procedures shall not be interpreted in conflict with District Rules and Regulations or administrative policies, and may be modified or updated periodically without advance notice.