GG. "Prevention of significant deterioration (PSD) permit" means any permit that is issued under 20.11.61 NMAC.

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HH. "Project" means a physical change in, or change in the method of operation of, an existing major stationary source.

II. "Projected actual emissions"

(1) Means, the maximum annual rate, in tons per year, at which an existing emissions unit is projected to emit a regulated new source review pollutant in any one of the five years (12-month period) following the date the unit resumes regular operation after the project, or in any one of the 10 years following that date, if the project involves increasing the emissions unit's design capacity or its potential to emit of that regulated new source review pollutant and full utilization of the unit would result in a significant emissions increase or a significant net emissions increase at the major stationary source.

(2) In determining the projected actual emissions under Paragraph (1) of Subsection II of 20.11.60.7 NMAC, before beginning actual construction, the owner or operator of the major stationary source:

(a) shall consider all relevant information, including but not limited to, historical operational data, the company's own representations, the company's expected business activity and the company's highest projections of business activity, the company's filings with the state or federal regulatory authorities, and compliance plans under the approved plan; and

(b) shall include fugitive emissions to the extent quantifiable, and emissions associated with startups, shutdowns, and malfunctions; and

(c) shall exclude, in calculating any increase in emissions that results from the particular project, that portion of the unit's emissions following the project that an existing unit could have accommodated during the consecutive 24-month period used to establish the baseline actual emissions under Subsection E of 20.11.60.7 NMAC and that are also unrelated to the particular project, including any increased utilization due to product demand growth; or,

(d) in lieu of using the method set out in [~~Paragraphs (1) through (3)~~] Subparagraphs (a) through (c) of Paragraph (2) of Subsection II of 20.11.60.7 NMAC, may elect to use the emissions unit's potential to emit, in tons per year, as defined under Subsection EE of 20.11.60.7 NMAC. {40 CFR 51.165 (a)(1)(xxviii)(B)(4) & FR Vol. 76 No. 61, 3/30/11}

JJ. "Regulated new source review pollutant", for purposes of 20.11.60 NMAC, means the following:

(1) nitrogen oxides or any volatile organic compounds;

(2) any pollutant for which a national ambient air quality standard has been promulgated; or

(3) any pollutant that is a constituent or precursor of a general pollutant listed under Paragraphs (1) or (2) of Subsection JJ of 20.11.60.7 NMAC, provided that such constituent or precursor pollutant may only be regulated under new source review as part of regulation of the general pollutant; precursors identified by the administrator for purposes of NSR are the following:

(a) volatile organic compounds and nitrogen oxides are precursors to ozone in all ozone nonattainment areas;

(b) sulfur dioxide is a precursor to $PM_{2.5}$ in all $PM_{2.5}$ nonattainment areas;

(c) nitrogen oxides are presumed to be precursors to $PM_{2.5}$ in all $PM_{2.5}$ nonattainment areas, unless the state demonstrates to the administrator's satisfaction or EPA demonstrates that emissions of nitrogen oxides from sources in a specific area are not a significant contributor to that area's ambient $PM_{2.5}$ concentrations;

(d) volatile organic compounds and ammonia are presumed not to be precursors to $PM_{2.5}$ in any $PM_{2.5}$ nonattainment area, unless the state demonstrates to the administrator's satisfaction or EPA demonstrates that emissions of volatile organic compounds or ammonia from sources in a specific area are a significant contributor to that area's ambient $PM_{2.5}$ concentrations; or

(4) $PM_{2.5}$ emissions and PM_{10} emissions shall include gaseous emissions from a source or activity which condense to form particulate matter at ambient temperatures; on or after January 1, 2011 (or any earlier date established in the upcoming rulemaking codifying test methods), such condensable particulate matter shall be accounted for in applicability determinations and in establishing emissions limitations for $PM_{2.5}$ and PM_{10} in nonattainment major NSR permits; compliance with emissions limitations for $PM_{2.5}$ and PM_{10} issued prior to this date shall not be based on condensable particulate matter unless required by the terms and conditions of the permit or the applicable implementation plan; applicability determinations made prior to this date without accounting for condensable particulate matter shall not be considered in violation of this section unless the applicable implementation plan required condensable particulate matter to be included.

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(iv) The permittee and department shall attach each such notice to their copy of the relevant permit.

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(8) **Off-permit changes.**

(a) Permittees are allowed to make, without a permit modification, changes that are not addressed or prohibited by the operating permit, if:

(i) each such change meets all applicable requirements and shall not violate any existing permit term or condition;

(ii) such changes are not subject to any requirements under Title IV of the federal act and are not Title I modifications;

(iii) such changes are not subject to permit modification procedures under Subsection E of 20.11.42.13 NMAC; and

(iv) the permittee provides contemporaneous written notice to the department and EPA of each such change, except for changes that qualify as insignificant activities; such written notice shall describe each such change, including the date, any change in emissions, pollutants emitted and any applicable requirement that would apply as a result of the change.

(b) The permittee shall keep a record describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

(9) **Permit shield.**

(a) Except as provided in 20.11.42 NMAC, the department shall expressly include in a 20.11.42 NMAC permit a provision stating that compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that:

(i) such applicable requirements are included and are specifically identified in the permit; or

(ii) the department, in acting on the permit application or significant permit modification, determines in writing that other requirements specifically identified are not applicable to the source, and the permit includes the determination or a concise summary thereof.

(b) A 20.11.42 NMAC permit that does not expressly state that a permit shield exists for a specific provision shall be presumed not to provide a shield for that provision.

(c) Nothing in 20.11.42.12 NMAC or in any 20.11.42 NMAC permit shall alter or affect the following:

(i) the provisions of Section 303 of the federal act - *Emergency Powers*, including the authority of the administrator under Section 303, or the provisions of the joint air quality control board ordinances pursuant to the New Mexico Air Quality Control Act, 74-2-10 NMSA 1978;

(ii) the liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;

(iii) the applicable requirements of the acid rain program, consistent with Section 408(a) of the federal act;

(iv) the ability of EPA to obtain information from a source pursuant to Section 114 of the federal act, or the department to obtain information in accordance with the joint air quality control board ordinances pursuant to the New Mexico Air Quality Control Act 74-2-13 NMSA 1978.

(d) The permit shield shall remain in effect if the permit terms and conditions are extended past the expiration date of the permit pursuant to Paragraph (4), of Subsection A of 20.11.42.13 NMAC.

(e) The permit shield may extend to terms and conditions that allow emission increases and decreases as part of emissions trading within a facility pursuant to Subparagraph (b), of Paragraph (7), of Subsection C of 20.11.42.12 NMAC, and to all terms and conditions under each operating scenario included pursuant to Subparagraph (e), of Paragraph (1), of Subsection C of 20.11.42.12 NMAC.

(f) The permit shield shall not extend to *administrative permit amendments* under Paragraph (1), of Subsection E of 20.11.42.13 NMAC, to m*inor permit modifications* under Paragraph (2), of Subsection E of [~~20.11.42.12 NMAC~~] 20.11.42.13 NMAC, to *section 502(b)(10) changes* under Subparagraph (a), of Paragraph (7) of Subsection C of 20.11.42.12 NMAC, or to permit terms or conditions for which notice has been given to reopen or revoke all or part under Subsection F of 20.11.42.13 NMAC.

D. General permits:

(1) **Issuance of general permits.**

(a) The department may, after notice and opportunity for public participation and EPA and affected program review, issue a general permit covering numerous similar sources. Such sources shall be generally