



BUREAU OF AIR POLLUTION CONTROL

Facility ID No. A0012

Permit No. AP3441-2437

Director's Review and Preliminary Determination of Permit Issuance

Nevada Cement Company, Fernley, Nevada

April 27, 2012

Nevada Cement Company (NCC) has submitted an application for a minor modification of Class I (Title V) Air Quality Operating Permit AP3241-0837.02 to the Nevada Division of Environmental Protection, Bureau of Air Pollution Control (NBAPC). The application was submitted on February 15, 2012 and deemed complete on February 29, 2012. The NBAPC case log number for this application is 12AP0314. The facility is located in western Nevada, approximately 3.5 miles northwest of Fernley, Nevada. The facility operations are located approximately at UTM 306.000 km East by 4388.000 km North, Zone 11 (Sections 10 and 11, Township 20 North, Range 24 East in Hydrographic Area 76 – Fernley Area), which is currently designated as PSD triggered for SO₂ and currently unclassified for PM₁₀, NO_x, CO, O₃, and lead criteria pollutants, which have an ambient air quality standard. The minor source baseline date for SO₂ was triggered on October 26, 1982.

In this minor modification, NCC proposes to add two (2) alternative modes of operation to System 6 and one (1) alternative mode of operation to System 12 at the facility. The following associated systems are also affected by this modification: Systems 11, 13, 21, 25(b) and 26. None of the requested alternative modes of operation (or associated systems) will increase emissions at the facility.

The existing NCC facility is considered a major source for Prevention of Significant Deterioration (PSD) purposes. Based on NCC's provided information, the proposed minor revision permit application will not result in any increases in NCC's existing permitted emission limits, nor will it result in any increases in applicable pollutant Significant Emission Thresholds for PSD/NSR review purposes based on NCC's baseline actual emissions (for the period January 1, 2005 through December 31, 2006) vs. NCC's new proposed emissions. This facility will not be subject to PSD/NSR review at this time.

Based on the information provided by the NCC, this facility is determined to be an Area source of hazardous air pollutants (HAPs) and subject to the requirements of National Emission Standards for Hazardous Air Pollutants (NESHAPs) from the Portland Cement Manufacturing Industry, 40 CFR Part 63 Subpart LLL. NCC's facility is also subject to NSPS requirements, 40 CFR Part 60 Subpart F and Y. The specific requirements where appropriate for NCC's facility are included in proposed minor modification permit.

<i>Facility-Wide Proposed Annual Emissions</i>		
Pollutant(s)		tons/yr
PM	Particulate Matter	372.31
PM₁₀	Particulate matter <10 microns in diameter	352.29
NO_x	Nitrogen Oxides	4,193.54
CO	Carbon monoxide	328.78
SO₂	Sulfur Dioxide	378.68
VOCs	Volatile Organic Compounds	147.19
HAPs	Hazardous Air Pollutants	19.14

The NBAPC has made a preliminary determination to issue this Class I Operating Permit (Minor Modification) #AP3241-0387.02 with appropriate conditions. The proposed source must comply with all State and Federal air quality requirements and all conditions established within the proposed Operating Permit (Minor Modification).