RULE SUMMARY

Subject: **Federal Deferral of Carbon Dioxide (CO_2) Emissions from Combustion of Biomass (496)**

Rule Citation	What is Changed	Purpose of Change (Why)	Who Is Affected and How	Impacts
15A NCAC 02D .0544, Prevention Of Significant Deterioration Requirements For Greenhouse Gases	On March 21, 2011, the United States Environmental Protection Agency (USEPA) proposed to defer application of the PSD and Title V permitting requirements to biogenic carbon dioxide (CO_2) emissions from bioenergy and other biogenic stationary sources for three years. The deferral was promulgated on July 20, 2011 (76 FR 43490).	To update the PSD for GHG rule in order to reflect the three year federal deferral from consideration of CO_2 emissions from combustion of biomass.	New facilities that emit GHGs of at least 100,000 tpy on a CO_2e basis and modifications at existing facilities that increase GHG emissions by at least 75,000 tpy on a CO_2e basis even if they do not significantly increase emissions of any other pollutant when biogenic CO_2 emissions are included in the PSD threshold determination. Stationary sources that emit biogenic CO_2 emissions and construct or modify during the deferral period will avoid the application of PSD to those biogenic CO_2 emissions.	New or existing facilities that exceed PSD threshold limits for other criteria pollutants would save approximately $10K by not needing to do a BACT analysis for CO_2. New or existing facilities that would be required to get a PSD permit due to biogenic CO_2 emissions may or may not need to install additional control equipment for other pollutants such as particulate matter (PM) or nitrogen oxides (NOx) depending on if the other criteria pollutants exceed their significance levels. DAQ would lose PSD fees if the deferral allowed a facility to avoid PSD.