

## PUBLIC NOTICE

### PUBLIC NOTICE ON PRELIMINARY DETERMINATION AND NOTICE FOR PUBLIC HEARING REGARDING APPROVAL OF AN APPLICATION SUBMITTED UNDER THE "REGULATIONS FOR THE PREVENTION OF SIGNIFICANT DETERIORATION OF AIR QUALITY"

Duke Energy Carolinas, LLC - Cliffside Steam Station has applied to the North Carolina Department of Environment and Natural Resources, Division of Air Quality (DAQ), Permits Section (PS) for the approval to construct and operate one new 800 MW supercritical pulverized coal-fired utility boiler at it's facility located at:

573 Duke Power Road (SR 1002)  
Cliffside, NC 28024  
Rutherford County

The proposed facility is subject to review and processing under North Carolina Administrative Code (NCAC), Title 15A, Sub-Chapter 2D.0530 - Prevention of Significant Deterioration. The facility is defined as a "major stationary source" for the discharge of significant quantities of particulate matter (PM), PM-10, PM-2.5, carbon monoxide (CO), volatile organic compounds (VOCs), sulfuric acid mist, and lead.

The Duke Energy Carolinas, LLC - Cliffside Steam Station application has been reviewed by the DAQ, Major New Source Review Branch in Raleigh, North Carolina to determine compliance with the requirements of the North Carolina Environmental Management Commission air pollution regulations.

A preliminary review, including analysis of the impact of the facility emissions on local air quality, has led to the determination that the project can be approved, and the DAQ air permit issued, if certain permit conditions are met.

Rutherford County is classified as an attainment area. Compliance with all ambient air quality standards and the PSD increments is projected. The maximum Class II PSD increment consumption (percent of allowable) from the facility is predicted by computer dispersion modeling to be:

PM-10 Particulate Matter, 24-Hour	48%
PM-10 Particulate Matter, Annual	35.4%

A copy of all data and the application submitted by Duke Energy Carolinas, LLC - Cliffside Steam Station and other material used by the DAQ in making this preliminary determination are available for public inspection at <http://daq.state.nc.us/permits/psd/cliffside.shtml> by August 17, 2007 or during the normal business hours at the following locations thereafter:

NC DENR  
Division of Air Quality  
Major New Source Review Branch  
2728 Capital Boulevard  
Raleigh, NC 27604

or

Asheville Regional Office  
2090 U.S. Highway 70  
Swannanoa, NC 28778

Haynes Branch Library  
P O Box 629  
Henrietta, North Carolina 28076-0629

Interested persons are invited to review these materials and to submit written comments. Comments should be addressed to Donald van der Vaart, Ph.D., P.E., Chief, Air Permits Section, Division of Air Quality, North Carolina Department of Environment, and Natural Resources, 1641 Mail Service Center, Raleigh, North Carolina, 27699-1641 Attention: Permits Section.

A public hearing on the proposed modification will be held at 6:00 PM on Tuesday September 18, 2007 at Chase High School located at 1603 Chase High School Road in Forest City. Persons wishing to present oral comments at the hearing should prepare their presentations to be three minutes or less.

After considering the comments received and other available information on the project, the DAQ will act on the Duke Energy Carolinas, LLC PSD application.

B. Keith Overcash, P.E.  
Director