

**NORTH CAROLINA DIVISION OF
AIR QUALITY**

Air Permit Review

Permit Issue Date:

Region: Mooresville Regional Office
County: Lincoln
NC Facility ID: 5500082
Inspector's Name: Melinda Wolanin
Date of Last Inspection: 06/28/2011
Compliance Code: 3 / Compliance - inspection

Facility Data			Permit Applicability (this application only)	
Applicant (Facility's Name): Duke Energy Corporation LCTS Facility Address: Duke Energy Corporation LCTS 6769 Old Plank Road - SR 1511 Stanley, NC 28164 SIC: 4911 / Electric Services NAICS: 221112 / Fossil Fuel Electric Power Generation Facility Classification: Before: Title V After: Title V Fee Classification: Before: Title V After: Title V			SIP: NSPS: NESHAP: PSD: PSD Avoidance: NC Toxics: 112(r): Other:	
Contact Data			Application Data	
Facility Contact	Authorized Contact	Technical Contact	Application Number: 5500082.11A Date Received: 06/27/2011 Application Type: Renewal Application Schedule: Title IV Existing Permit Data Existing Permit Number: 07171/T08 Existing Permit Issue Date: 04/15/2010 Existing Permit Expiration Date: 03/31/2015	
Paul Beatty Superintendent of Operations (828) 217-1103 6769 Old Plank Rd. Stanley, NC 28164	Albert Smith VP Regulated CC/CT Operations (704) 382-5371 526 South Church Street Charlotte, NC 28202	David Brooks EHS Professional (336) 637-1370 240 Ernest Drive Reidsville, NC 27320		
Review Engineer: Jenny Sheppard Review Engineer's Signature: _____ Date: _____		Comments / Recommendations: Issue 07171/T09 Permit Issue Date: Permit Expiration Date:		

I. Purpose of Application

Duke Energy is currently operating under permit 07171T08, which was issued on April 15, 2010. Duke Energy is requesting the Acid Rain permit have the same expiration as the Title V permit. The permit issued on April 15, 2010 included the acid rain portion but left out the expiration dates for the acid rain portion in error. Duke Energy resubmitted to update the application to match the expiration of the Title V and go through public participation and EPA comment for this section of this permit. The permit application is deemed complete for processing.

Phase II Acid Rain Requirements

1. Statement of Basis

Statutory and Regulatory Authorities: In accordance with the provisions of Article 21B of Chapter 143, General Statutes of North Carolina as amended and Titles IV and V of the Clean Air Act, the Department of Environment and Natural Resources, Division of Air Quality issues this permit pursuant to Title 15A North Carolina Administrative Codes, Subchapter 2Q .0400 and 2Q .0500, and other applicable Laws.

2. SO₂ Allowance Allocations and NO_x Requirements for each affected unit

		2011	2012	2013	2014	2015
ES-1 through ES-16	SO ₂ allowances, under Tables 2, 3, or 4 of 40 CFR part 73.	NA*	NA*	NA*	NA*	NA*
	NO _x limit	NA**				

* SO₂ allowances are not allocated by U.S. EPA for new units under 40 CFR part 72.

** Does not apply for combustion turbine units.

3. Comments, Notes and Justifications

None.

4. Phase II Permit Application (attached)

The Phase II Permit Application submitted for this facility, as approved by the Department of Environment and Natural Resources, Division of Air Quality, is part of this permit. The owners and operators of these Phase II acid rain sources must comply with the standard requirements and special provisions set forth in the following attached application.

II. Public Notice / EPA and Affected State Review

A notice of the draft Title V Permit was placed on the DAQ website. The notice provided for a 30-day comment period, with an opportunity for a public hearing. Copies of the public notice were sent to persons on the Title V mailing list and EPA. *To be completed after comment period.*

Pursuant to 2Q .0522, a copy of each permit application, each proposed permit and each final permit pursuant shall be provided to EPA. *To be completed after comment period.* Also pursuant to 2Q .0522, a notice of the draft Title V Permit was provided to each affected State at or before the time notice provided to the public.