



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Dexter R. Matthews

Director

Beverly Eaves Perdue  
Governor

Dee Freeman  
Secretary

SOLID WASTE SECTION

February 9, 2009

Mr. Andrew F. Tinsley, Corporate EHS  
Duke Energy Corporation  
EC13K / PO Box 1006  
Charlotte, North Carolina 28201-1006

Subject: Notification for Structural Fill -  
Coal Combustion By-Products  
Duke Energy – Allen Steam Station  
Retired Ash Basin (RAB) – Ash Landfill  
Gaston County  
DIN 6769

Dear Mr. Tinsley:

On January 16, 2009 the Division of Waste Management, Solid Waste Section (Section) received your Notification for Structural Fill of Coal Combustion By-Products at Duke Energy's Allen Steam Station in Gaston County, entitled;

- *Structural Fill Facility Notification, Retired Ash Basin – Ash Landfill, Duke Energy – Allen Steam Station, Project No. 1356-06-825.* Prepared for Duke Energy. Prepared by S&ME. December 2008. DIN 6543.

The Section has reviewed the submitted notification and determined that it meets all of the requirements specified in North Carolina Administrative Code 15A NCAC 13B .1700. Furthermore, the notification included the following information as in accordance 15A NCAC 13B .1703:

- (1) **Nature, Purpose and location of the project:** This notification proposes structural fill utilizing coal combustion by-products in Cell 2 of the Allen Steam Station RAB Ash Landfill. Cell 2 is located in the southeast corner of the RAB and is one of four cells proposed in the landfill. The RAB is located south of the Station's powerhouse area and adjacent to the Catawba River. The required USGS Map was included.
- (2) **Estimated start:** February 2009  
**Estimated completion:** November 2009
- (3) **Estimated volume:** 240,000 cubic yards
- (4) **TCLP analysis from coal ash:** included in the notification

(5) **Signed statement from the owner:** A signed and dated statement by Duke Energy is included in the notification.

(6) Inclusions:

- (A) **Coal Combustion By-Products generator:** Duke Energy – Allen Steam Station
- (B) **Location of generating plant:** Intersection of South Point and Plant Allen Roads, Gaston County. Near the confluence of the South Fork and Catawba Rivers
- (C) **Mailing address:** 235 Plant Allen Road, Belmont, North Carolina 28012
- (D) **Contact:** Mr. Don L. Scruggs
- (E) **Telephone number:** (704) 829-2423
- (F) **Subsequent notification:** Included

Please note that construction may commence on this project and that all construction must be completed in accordance with 15A NCAC 13B .1700 and the submitted notification. Should you have any questions regarding this matter you may contact Mr. Larry Frost at (828) 296-4704.

Sincerely,

Ed Mussler  
Permitting Branch Supervisor  
Solid Waste Section

cc: Deb Aja – SWS/ARO  
CT Gerstell – SWS/MRO  
Chris Hallman – Duke Energy  
Ken Daly – S&ME  
Shawn McKee, SWS