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Director

FACT SHEET

SOLID WASTE PERMIT NUMBER 6512-INDUS-2016

FACILITY: Duke Energy, L.V. Sutton Energy Complex, Industrial Landfill
COUNTY: New Hanover
CITY: Wilmington, North Carolina
DIN #: 25590
OWNER & OPERATOR: Duke Energy Progress, LLC

DESCRIPTION

Duke Energy Progress, LLC owns and operates the L.V. Sutton Energy Complex (Facility), electrical power generating facility, located (911 address) at 801 Sutton Steam Plant Road in Wilmington, North Carolina and includes a total area of approximately 2,245 acres.

Industrial landfill Permit Number 6512-INDUS-2016 is a new landfill permit that once completed will receive industrial solid wastes from Duke Energy's L.V. Sutton Energy Complex, including coal combustion residuals (CCRs) (including fly and bottom ash, pyrites and coal mill rejects, and boiler slag); wastewater treatment sludge (WWTS); petroleum-contaminated site soils; plant decommissioning-related materials, including construction and demolition (C&D) waste and land clearing and inert debris (LCID); and vacuum truck waste. The industrial landfill covers approximately 101 acres and will be permitted to include three (3) phases made up of eleven (11) cells with a total disposal capacity of approximately 11.9 million cubic yards.

Duke Energy submitted a new permit application on August 7, 2015. The application requested a permit to construct for Phases 1 through 3 and permit to operate for Phases 1 through 3, as each unit is completed and approved by the Solid Waste Section. The Division of Waste Management (Division) has determined that the application satisfied the requirements of North Carolina Administrative Code 15A NCAC 13B .0503 through .0505. A draft permit has been prepared for public review.

PERMIT STRUCTURE

The permit is divided into two parts, the Permit to Construct and the Permit to Operate. The permit includes a list of approved documents and specific conditions for the construction, operation and monitoring of the landfills. The Permit to Operate will be issued for a ten (10) year increment of operation. Specific conditions are included for the implementation, operation and assessment of the groundwater Corrective Action Plan and post-closure care associated with an industrial solid waste landfill.



PUBLIC COMMENT PERIOD

North Carolina General Statute (NCGS) 130A-309.203 Coal Ash Management Act of 2014 requires the permitting process for this activity provide for public review of, and input to, permit documents containing the applicable design and operating conditions and shall provide for consideration of comments received and notification to the public of the final permit design. The 60-day comment period begins on **INSERT DATE 1** and ends on **INSERT DATE 2** (60 days later), at 5 p.m. Persons wishing to comment on the draft permit or to object to the permit issuance should submit their comments in writing by 5 p.m., **INSERT DATE 2**. Comments should be sent to the Division contact address shown below and include the permit number. All comments received within the 60-day period will be considered in making the final determination regarding the permit.

The application and draft permit are available for review by appointment from 9 a.m. to 4 p.m., Monday through Friday, at the Department of Environment Quality, 217 West Jones St., Raleigh, NC 27603. The administrative record including the application, fact sheet, and draft permit can be found online at **INSERT WEBSITE**. (*documents need to be placed on the web site*)

PUBLIC HEARING

A public hearing has been scheduled for **INSERT DATE 3 at specify time** and will be held at the **specify place**. Interested parties may submit oral or written statements and data concerning the proposed facility Permit. Persons wishing to speak may register at the hearing. Speaking times will be allotted per speaker as time allows. Interested parties may submit written statements and data concerning the proposed changes to the facility Permit to the Division contact at the address shown below.

NOTIFICATION

Persons who want to receive notice of the final permit decision should register with the Division contact.

DIVISION CONTACT

Comments and requests for additional information should be sent to:

Mr. Edward Mussler, III, P.E.
North Carolina Division of Waste Management
Solid Waste Section
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

Telephone/Fax: (919) 707-8200
Email: ed.mussler@ncdenr.gov