

TNB 8-4-11

According to (G.S. 130A-309.09D(b)) completed forms must be returned by August 1, 2011 and a copy of this report must be sent to the County Manager of each county from which waste was received. If you have questions or require assistance in completing this report, contact your Regional Environmental Senior Specialist.

Facility Name: McGuire Nuclear Station - Duke Energy Carolinas, LLC Permit: 6004-INDUS-1981 ID: P0100

Facility Website (URL): _____

Physical Address	Mailing Address
Street 1: <u>12700 Hagers Ferry Road</u>	Street 1: <u>12700 Hagers Ferry Road</u>
Street 2: _____	Street 2: _____
City: <u>Huntersville</u> County: <u>Mecklenburg</u>	City: <u>Huntersville</u>
State: <u>North Carolina</u> Zip: <u>28078</u>	State: <u>North Carolina</u> Zip: <u>28078</u>

Primary Facility Contact Person	Billing Contact Person
Name: <u>Robert Sapp</u>	Name: <u>John Williamson</u>
Phone: <u>(980) 875-4675</u> Fax: <u>(980) 875-4627</u>	Phone: <u>(980) 875-5894</u> Fax: <u>(980) 875-4627</u>
Email: <u>Robert.Sapp@duke-energy.com</u>	Email: <u>John.Williamson@duke-energy.com</u>

1. Tipping Fee: \$ 0.00 per Ton (Attach a schedule of tipping fees if appropriate.)

2. Indicate types of disposal activity occurring at this facility (Check all that apply).

- Landfilling of industrial waste (specify waste): Non-hazardous expired chemicals/spill clean up materials and s+
- Landfilling of construction and demolition waste
- Landfilling of asbestos
- Landfilling of ash
- Landfilling of sludge
- Landfilling of other waste (specify): _____

3. What other activities occur at this facility? (check all that apply)

- Recycling/Reuse Collection
- Scrap Tire Collection
- White Goods Collection
- Household Hazardous Waste Collection

If you checked Recycling/Reuse Collection, please indicate the materials accepted: (check all that apply)

- Paper
- Wood
- Concrete/rubble/asphalt
- Gypsum/drywall
- Cardboard
- Glass
- Aluminum Cans
- Steel Cans
- PETE (#1) Plastic
- HDPE (#2) Plastic
- Computer Equipment
- Televisions
- Fluorescent lightbulbs
- Used oil/oil filters
- Other Metal
- Other Plastic
- Other (specify) _____

Airspace (Capacity): Questions in this section relate to all cells/units of the facility operated under the current 4-digit permit number regardless of whether the cells/units are closed or are not contiguous at the time of this report. Tonnage questions must be based on scale records and cover the period between the opening date and the date of the last survey unless another time period is approved. Airspace measurements include weekly, intermediate and final cover.

- 4. Date Facility Last Surveyed: 05/26/2011
- 5. Airspace Used (cubic yards): 50,194
- 6. Total Tons Disposed in Airspace Used (tons): 38,343

7. Total waste landfilled at this facility during the period of July 1, 2010, through June 30, 2011. Indicate tonnage received by COUNTY of waste origin. DO NOT include waste diverted for recycling, reuse, mulching, or composting. Please list ALL counties from which you received waste. Please indicate COUNTY and STATE, if received from another state.

Received from	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Total
Abbeville, SC	0	0	0	0	0	0	0	0	0	0	5.25	0	5.25
Alamance	0	0	0	0	0	2.5	0	0	0	1.95	0	0	4.45
Alexander	0	0	0	0	0	4.5	9	0	0	0	14.5	0	28
Anderson, SC	7	0	3	0	0	0	0	6.1	0	0	0	11.5	27.6
Burke	0.26	0.1	0	14.47	10	0	0.3	0	9.12	7.85	0.05	0	42.15
Cabarrus	0	0	16	2	0	0	0	0	48.89	34.73	18.05	12	131.67
Caldwell	23.3	0	3.25	8.5	0	0	0	0	0	0	0	0	35.05
Catawba	1.41	0.49	0	0	0.04	13.99	0	3.6	3.02	342.75	15.5	3.5	384.3
Cherokee, SC	7.5	0	0	0	0	0	0	0	0	0	0	0	7.5
Cherokee, NC	0.5	0	0	0	0	0	0	0	0	0	0	0	0.5
Chester, SC	0	0	5	0	0	0	0	0	0	0	13	0	18
Cleveland	0	0	0	0	1	0	4.97	0	0	4	0	37	46.97
Davie	0	0	0	0	0	0	0	0	0	4	7	0	11
Durham	0	0	37	39.32	0	0	0	128.77	0	118.33	0	0	373.42
Forsyth	4	0	0	0	11.75	11	0	0	4	50.41	0	0	81.16
Gaston	2	0	0	2.13	10	0	0	0	0	15.79	15.5	26.33	71.75
Graham	0	0	0	0	0	0	0	0	0	0	0	3	3
Greenville, SC	6.24	6	3.5	4.5	3.98	20.13	9.5	8.87	17	11.61	2.5	6.38	100.21
Greenwood, SC	0	0	0	4.5	0	0	0	0	0	0	0	20	24.5
Guilford	12.83	1	0.25	0	4.78	78.01	0.5	0	2.5	50.02	8.38	21	179.27
Henderson	0	1	0	7.5	1.5	0	4	0	3	2	6.5	4.5	30
Iredell	2	21.5	0	2.15	0	4	0	10	10	28.52	5	0	83.17
Jackson	0	0	0	0	0	6.1	0	0	0	2	0	4.5	12.6
Kershaw, SC	0	0	0	0	0	0	0	1.24	0	0	0	0	1.24
Grand Total													1,702.76

8. Did your facility stop receiving waste during this past Fiscal Year? Yes No

If so, please report the date this occurred: _____

REMINDER: According to C.S. 130A-309.09D(5), the report must be sent to the Regional Environmental Sector Specialist for your area and a copy of the report must be sent to the County Manager of each county from which waste was received.

Please return your completed report to:

Teresa Bradford
 610 East Center Avenue
 Mooresville, NC 28115
 phone: 704.235.2160 email: Teresa.Bradford@ncdenr.gov

CERTIFICATION: I certify that the information provided is an accurate representation of the activity at this facility.

Signature: Sean DeNeale

Date: Jul 14, 2011

Name: Sean DeNeale Title: Engineer I

Phone Number: (704) 382-4761 Email: Sean.DeNeale@duke-energy.com

Facility Name: Duke Energy McGuire Permit: 6004-INDUS-1981

Address: 12700 Hagers Ferry Road

City: Huntersville State: North Carolina Zip: 28078

Person completing Assessment: Robert C. Sapp Date: Jun 28, 2011

Phone Number: (980) 875-4675 Fax: (980) 875-4627 Email: Robert.Sapp@duke-energy.com

Instructions: Please indicate either *Yes or No* for each Receptor and Post Closure Maintenance question. Then please determine the distance or distances for each Receptor from the *Edge of Waste* (using range finders and/or GIS maps) and type that information into the form. Please attach additional information including GIS maps, lists of potable well locations, etc.

Receptors

1. Are there Residential Dwellings Within 1,500 feet of the Edge of Waste? Yes No
 If Yes, how many? 10
 What are the three closest distances from the *Edge of Waste*? 500 Feet 1100 Feet 1100 Feet
2. Are there Potable Wells Within 1,500 feet of the Edge of Waste? Yes No
 If Yes, how many? 10
 What are the three closest distances from the *Edge of Waste*? 500 Feet 1100 Feet 1100 Feet
3. Are there Community/Municipal Wells Within 1,500 feet of the Edge of Waste? Yes No
 If Yes, how many? _____
 What are the three closest distances from the *Edge of Waste*? _____ Feet _____ Feet _____ Feet
4. Are there Surface Water Bodies Within 1,500 feet of the Edge of Waste? Yes No
 If Yes, how many? _____
 What are the three closest distances from the *Edge of Waste*? _____ Feet _____ Feet _____ Feet
 Please list the names of the water bodies: _____
5. Is Public Water Available Within 1,500 feet of the Edge of Waste? Yes No
 If Yes, how many of the Residential Dwellings noted above are connected? _____

Corrective Measures

6. Is there an active methane extraction system (blower, flare, etc.)? Yes No
7. Is there a passive methane extraction system (trench, vents in cap, flare, etc.)? Yes No
8. Is there groundwater remediation taking place on site? Yes No
 If Yes, what is the specific remedial technology used? _____

Comments

*Robert Sapp completed and filled out the risk assessment form.
 **Airspace/tonnage information on Page 1 is provided for the entire life of the landfill until the most recent survey on May 26, 2011. For the period of July 1, 2010 to June 30, 2011, 2,266 cubic yards and approximately 3,820 tons were added.



CORPORATE EHS SERVICES

Duke Energy Carolinas, LLC
526 SOUTH CHURCH STREET
CHARLOTTE, NC 28202

Mailing Address:
EC13K / P. O. BOX 1006
CHARLOTTE, NC 28201-1006

July 14, 2011

North Carolina Department of Environment and Natural Resources
Division of Waste Management
Mooresville Regional Office
610 East Center Avenue
Mooresville, NC 28115

ATTENTION: Teresa Bradford

SUBJECT: Duke Energy – McGuire Nuclear Station
Permit Number 60-04
Industrial Waste Landfill Annual Report

Dear Ms. Bradford:

Attached are the completed Industrial Landfill Annual Report forms for Duke Energy's McGuire Nuclear Station Landfill (permit number 60-04) for the past year (7/1/2010 – 6/30/2011).

The landfill currently accepts waste from Duke Energy facilities within the service area in the Piedmont Carolinas. A total of approximately 3820 tons of waste was taken to the landfill during the most recent twelve month period. Since July 30, 1992, approximately 50,194 cubic yards of waste has been disposed of in the landfill.

As required by G.S. 130A-309.09D(b), County Managers for the 47 counties that generated waste for disposal to this landfill were sent copies of the Annual Report.

If there are any questions regarding this report, please contact me at (704) 382-4761.

Sincerely,

Sean DeNeale, EI
Waste and Remediation Management
Environmental, Health and Safety

Attachments

c: **Mr. Bruce Gledhill**
Mecklenburg County – Solid Waste Management Director
700 North Tryon Street
Charlotte, NC 28202