

According to (G.S. 130A-309.09D(b)) completed forms must be returned by August 1, 2014 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, LLCPermit: 6004-INDUS-1981

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>28078-8985</u>	State: <u>North Carolina</u> Zip: <u>28078-8985</u>
Primary Facility Contact Person	Billing Contact Person
Name: <u>John Williamson</u>	Name: <u>Sean DeNeale</u>
Phone: <u>(980) 875-5894</u> Fax: <u>(980) 875-4627</u>	Phone: <u>(704) 382-4761</u> Fax: <u>(704) 382-6240</u>
Email: <u>John.Williamson@Duke-Energy.com</u>	Email: <u>Sean.DeNeale@Duke-Energy.com</u>

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

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

If so, please report the date this occurred: _____

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

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

4. 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) Note: Recycling activities occur at McGuire Nuclear Station but are not associated with the landfill

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.

5. Date Facility Last Surveyed: 6/18/2014

6. Airspace Used (cubic yards): 54,469

7. Total Tons Disposed in Airspace Used (tons): 48,853.02

8. Total waste landfilled at this facility during the period of July 1, 2013, through June 30, 2014. 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
Alamance County, NC	5.48	0	0	0	0	0	0	0	30.78	20.5	12	1	69.76
Alexander County, NC	0	0	2	0	0	0	0	0	0	0	0	0	2
Anderson County, SC	5	6	6	0	0	8	57.25	0	2.5	2	0	0	86.75
Burke County, NC	0.44	0	0	0.1	0	0	3.87	0	1	0	0	0	5.41
Cabarrus County, NC	0	0	0	8	0	0	0	0	9.5	0	3	0	20.5
Caldwell County, NC	0.53	0	0	0	0	1.5	0.35	0	0	0	0	5.28	7.66
Catawba County, NC	30	10	6	0	11.5	5.5	0	0	3.72	1	0	6.44	74.16
Cherokee County, SC	0	0	0	0	0	0	16	0	0	0	4	0	20
Cherokee County, NC	0	0	0	0	0	0	0	7.5	0	0	0	0	7.5
Chester County, SC	0	0	0	0	0	0	12	0	0	0	4.25	0	16.25
Clay County, NC	0	0	0	3.5	0	0	0	0	0	0	0	0	3.5
Cleveland County, NC	13	0	10.5	2.64	0	12	0	0	0	0	0	4.5	42.64
Davie County, NC	0	0	0	0	0	0	0	0	40	0	6.5	0	46.5
Durham County, NC	0	0	0	0	22	3.5	5.39	0	16	2	0	0	48.89
Forsyth County, NC	0	0	0	0	0	0	0	0.86	23	22.5	0	1.25	47.61
Gaston County, NC	3.5	16.32	0	3	2	0	0	1.5	0	0	0	16.5	42.82
Greenville County, SC	5	21.5	3.02	12	40.02	0	0	1.5	0	18	14.5	10.5	126.04
Guilford County, NC	5	5	2.5	0	0	11.5	4	13.5	143.81	50.5	25	20.95	281.76
Henderson County, NC	2	3	0	0	0	2	0	0	0	2	0	0	9
Iredell County, NC	0	0	17.25	0	0	4	0.25	0	2	0	18	0	41.5
Jackson County, NC	0	0	0	0	0	3	0	0	0	0	0.5	8.89	12.39
Lancaster County, SC	0	0	0	5	0	0	0	0	18	0	8	0	31
Laurens County, SC	0	36.5	5	0	0	0	0	0	0	0	5	0	46.5
Lincoln County, NC	0	0	0.5	0	0	0	0	0	0.08	0	0	0	0.58

Grand Total 1,090.72

Total (w/Part 2) = 2,298.14

REMINDER: According to (G.S. 130A-309.09D(b)), this report must be sent to the Regional Environmental Senior Specialist for your area and a copy of this 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 24, 2014

Name: Sean DeNeale

Title: Engineer II - Environmental Services

Phone Number: (704) 382-4761

Email: Sean.DeNeale@duke-energy.com

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

Address: 12700 Hagers Ferry Road

City: Huntersville State: North Carolina Zip: 28078-8985

Person completing Assessment: Sean DeNeale Date: Jul 25, 2014

Phone Number: (704) 382-4761 Fax: (704) 382-6240 Email: Sean.DeNeale@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? 9
 What are the three closest distances from the *Edge of Waste*? 270 Feet 580 Feet 860 Feet
2. Are there Potable Wells Within 1,500 feet of the Edge of Waste? Yes No
 If Yes, how many? 9
 What are the three closest distances from the *Edge of Waste*? 270 Feet 580 Feet 860 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

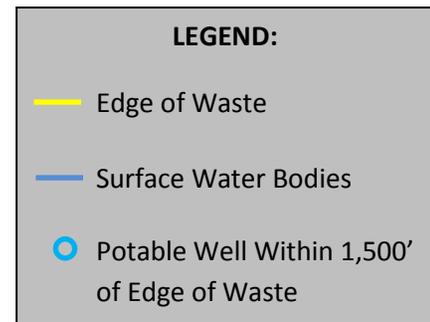
6. Is there an active methane extraction system (blower, flare, etc.)? Yes No
7. Is there a passive methane extraction system (trench, vents in cap, flare, etc.)? Yes No
8. Is there groundwater remediation taking place on site? Yes No
 If Yes, what is the specific remedial technology used? _____

Comments

*Waste streams identified on Page 1, Question 2 reflect disposal activities that occurred at this facility from July 1, 2013 through June 30, 2014.

Duke Energy – McGuire Nuclear Station Industrial Landfill

Permit: 6004-INDUS-1981





526 South Church Street
Charlotte, NC 28202

Mailing Address:
PO Box 1006
Mail Code EC13K
Charlotte, NC 28201-1006

704 382 4761

704 382 6240 fax

July 24, 2014

Mrs. Bradford
610 East Center Avenue
 Mooresville, NC 28115

SUBJECT: Duke Energy – McGuire Nuclear Station
Permit Number 6004-INDUS-1981
Industrial Waste Landfill Annual Report

Dear Mrs. Bradford:

Attached are the completed Industrial Landfill Annual Report forms for Duke Energy's McGuire Nuclear Station synthetically lined Landfill #2 (Permit No. 60-04) for the past year (7/1/2013 – 6/30/2014).

The landfill currently accepts waste from Duke Energy facilities within its Carolinas service territory. A total of approximately 2,298 tons of waste was taken to the landfill during the most recent twelve month period. Since the landfill went into operation and through the most recent survey on June 18, 2014, approximately 54,469 cubic yards and 48,853 tons of waste have been disposed of in the landfill.

As required by G.S. 130A-309.09D(b), the County Manager for any county that generated waste for disposal to this landfill must be sent a copy of the Annual Report. Therefore, County Managers for the 38 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,

A handwritten signature in black ink that reads "Sean DeNeale". The signature is written in a cursive, flowing style.

Sean DeNeale, Engineer II
Environmental Services

Attachments

c: Craig Honeycutt – Alamance County, NC
Rick French – Alexander County, NC
Rusty Burns – Anderson County, SC
Bryan Steen – Burke County, NC
Mike Downs – Cabarrus County, NC
Stan Kiser – Caldwell County, NC
J. Thomas Lundy – Catawba County, NC
Randy Wiggins – Cherokee County, NC
Ben Clary – Cherokee County, SC
R. Carlisle Roddey – Chester County, SC
Paul Leek – Clay County, NC
Jeff Richardson – Cleveland County, NC
Michael Ruffin – Davie County, NC
Wendell Davis – Durham County, NC
J. Dudley Watts, Jr. – Forsyth County, NC
Earl Mathers – Gaston County, NC
Joseph Kernell – Greenville County, SC
Marty Lawing – Guilford County, NC
Steve Wyatt – Henderson County, NC
Ron Smith – Iredell County, NC
Chuck Wooten – Jackson County, NC
Steve Willis – Lancaster County, SC
Ernest B. Segars – Laurens County, SC
W. Tracy Jackson – Lincoln County, NC
Dena Diorio – Mecklenburg County, NC
Scott Moulder – Oconee County, SC
Bonnie Hammersley – Orange County, NC
D. Marche Pittman – Polk County, NC
Richard T. Wells – Randolph County, NC
Lance L. Metzler – Rockingham County, NC
Gary Page – Rowan County, NC
Carl Classen – Rutherford County, NC
Katherine L. Hubbard – Spartanburg County, SC
Rick Morris – Stokes County, NC
Kevin King – Swain County, NC
Cynthia Coto – Union County, NC
Aaron Church – Yadkin County, NC
William P. Shanahan, Jr. – York County, SC