



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

October 1, 2014

MEMORANDUM

TO: ENVIRONMENTAL REVIEW COMMISSION
The Honorable Brent Jackson, Chairman
The Honorable Ruth Samuelson, Co-Chairman
The Honorable Mike Hager, Co-Chairman

COAL ASH MANAGEMENT COMMISSION

FROM: Neal Robbins
Director of Legislative Affairs

SUBJECT: Quarterly Report on Operations, Activities, Programs and Progress Relating to
Coal Combustion Residuals Surface Impoundments

DATE: October 1, 2014

Pursuant to Senate Bill 729, Section 3(a), the Department shall submit quarterly written reports to the Environmental Review Commission and the Coal Ash Management Commission on its operations, activities, programs, and progress with respect to its obligations under this Part concerning all coal combustion residuals surface impoundments. The attached report satisfies this reporting requirement.

If you have any questions or need additional information, please contact me by phone at (919) 707-8618 or via e-mail at neal.robbs@ncdenr.gov.

cc: Mitch Gillespie, Assistant Secretary for Environment
Mariah Matheson, ERC Assistant
Jeff Hudson, ERC Counsel
Jennifer McGinnis, ERC Counsel

North Carolina Department of Environment and Natural Resources

Division of Water Resources

Quarterly Report to the Environmental Review Commission on Operations, Activities, Programs and Progress Relating to Coal Combustion Residuals Surface Impoundments

October 1, 2014

This report is submitted to meet the requirements of Senate Bill 729, Section 3(a) which requires quarterly reporting on DENR operations, activities, programs and progress relating to coal combustion residuals surface impoundments

Actions taken by DENR/DWR since March, 2014

Beginning in March, 2012, the Division of Water Resources (DWR) carried out inspections of each coal ash impoundment at every Duke facility to locate all unauthorized surface discharges.

The Department of Environment and Natural Resources requested that the NC Attorney General initiate civil actions on behalf of the state of North Carolina against Duke Energy Progress for violations of environmental regulations at all 14 facilities. The cases seek injunctive relief for unpermitted discharges at each impoundment. These actions were filed between March and August, 2014 and are currently in the discovery phase of litigation.

In March of 2014, DENR invited the U.S. Environmental Protection Agency (EPA) to partner with DENR in a potential enforcement action against Duke Energy for Clean Water Act (CWA) violations at all 14 coal ash facilities. EPA agreed and the partnership has since worked to assess the extent of Duke's non-compliance with the CWA.

In May, 2014, the state of North Carolina announced that it, through DENR, would serve as one of three trustees in a Natural Resource Damages claim against Duke Energy to ensure that Duke restores the environmental damages caused by the Dan River spill.

In August, 2014, DENR sent four letters to Duke Energy requiring them to provide to DENR excavation and dewatering plans for the Riverbend and Asheville coal ash facilities, groundwater assessment plans for all facilities (within 45 days), and comprehensive drinking water surveys (within 60 days). DENR also requested that Duke immediately begin weekly inspections of all impoundments, annual third-party structural assessments, and reopen National Pollutant Discharge Elimination System (NPDES) permits for the seven plants not yet addressed. (As of September 2, applications for Major Modifications of NPDES permits have been received for the following facilities: Asheville, Belews, Cape Fear, Cliffside, Dan River, Riverbend and Sutton).

As authorized by Senate Bill 729, DWR has begun the process of hiring new hydrogeologists necessary for conducting groundwater assessments. The division is also reassigning internal staff so as to fully address all the requirements of SB729.

DENR required Duke Energy to submit Groundwater Assessment Plans as part of the effort to clean up or mitigate groundwater contamination at the utility's coal ash storage ponds. The company met the September 26, 2014 deadline for submitting the plans to the Department. DWR is currently awaiting submission by Duke Energy of Drinking Water Supply Well Survey and Provision of Alternate Water Supply report (due October 1, 2014), Identification of New Discharges report (due October 1, 2014), Annual Report detailing volumes of ash produced, disposed of, used in structural fill projects and beneficially used in ways other than structural fill (due October 1, 2014), Receptor Survey report (due October 14, 2014), and submission of applications for modified NPDES permits for the remaining facilities (due October 31, 2014). Further reports and responses called for in Senate Bill 729 require submission at future dates.

Summaries of the facilities follow.

Plant Allen Steam Station

General Information

Operational Date: 1957

Facility Status: Active

Priority: Due December 31, 2015

Location: 253 Plant Allen Rd., Belmont, NC 28012 (NC House district 109, NC Senate district 43)

NPDES Permit No.: NC0004979

Division of Water Resources Region: Mooresville

GPS Coordinates: 35.182073, -81.014503

Coal Combustion Residuals Summary

Fly Ash: Dry Handling

Bottom Ash: Wet Handling

Flue Gas Desulfurization: No

Amount of Coal Combustion Residuals in the Impoundment(s): 11,580,000 tons

Current Activities (Related to Groundwater)

Last Action Taken at the Facility: Water Supply Well Survey and Groundwater Assessment Plan in progress

Groundwater Reporting Status

Water Supply Well Survey: Due October 1, 2014

Groundwater Assessment Plan: Due September 26, 2014

Groundwater Assessment Report: Due 180 days after approval of Groundwater Assessment Plan

Groundwater Corrective Action Plan: Due 90 days from submission of Groundwater Assessment Report

Water Supply Wells

Water Supply Wells Replaced Due to Contamination: 0

Groundwater Monitoring Summary

Compliance Groundwater Monitoring Wells Installed: December 2010

Number of Wells Being Monitored: 13

Number of Wells Being Monitored Outside Compliance Boundary (Non-Background): 0

Parameters Being Monitored: Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Chloride, Copper, Iron, Lead, Manganese, Mercury, Nickel, Nitrate, pH, Selenium, Sulfate, Thallium, Total Dissolved Solids, Water Level, and Zinc

Monitoring Months: March, July, and November

First Monitoring Event: March 2011

Parameters Showing Exceedances (Current and Historic): Iron, Manganese, Nickel, and pH

Plant Allen Steam Station, continued

Surface Water Reporting Status

Discharge Assessment Plan: Due December 31, 2014

Correction of Unauthorized Discharges: Application for Major Modification of NPDES permit not yet received

Surface Water Monitoring Summary

Receiving Bodies of Water: Catawba River (Lake Wylie), Class WS-IV and B and South Fork Catawba River (Outfall 001 and 003), Class WS-V

Number of Outfalls Monitored: 6

Parameters Being Monitored: Flow, Temperature, Oil and Grease, Total Suspended Solids, Total Copper, Total Iron, Total Selenium, Total Arsenic, Total Cadmium, Total Chromium, Chloride, Total Nickel, Total Zinc, Total Silver, Total Mercury, Total Beryllium, Total Nitrogen, Chronic Toxicity, pH, and Fecal Coliform

Number of Stormwater Outfalls Being Monitored: 0

Asheville Steam Electric Generating Plant

General Information

Operational Date: 1964

Facility Status: Active

Priority: Due December 31, 2015

Location: 200 CP&L Dr., Arden, NC 28704 (NC House district 116, NC Senate district 48)

NPDES Permit No.: NC0000396

Division of Water Resources Region: Asheville

GPS Coordinates: 35.465556, -82.550278

Coal Combustion Residuals Summary

Fly Ash: Wet Handling

Bottom Ash: Wet Handling

Flue Gas Desulfurization: Yes

Amount of Coal Combustion Residuals in the Impoundment(s): 3,000,000 tons

Current Activities (Related to Groundwater)

Last Action Taken at the Facility: Water Supply Well Survey and Groundwater Assessment Plan in progress

Groundwater Reporting Status

Water Supply Well Survey: Due October 1, 2014

Groundwater Assessment Plan: Due September 26, 2014

Groundwater Assessment Report: Due 180 days after approval of Groundwater Assessment Plan

Groundwater Corrective Action Plan: Due 90 days from submission of Groundwater Assessment Report

Water Supply Wells

Water Supply Wells Replaced Due to Contamination: 0

Groundwater Monitoring Summary

Compliance Groundwater Monitoring Wells Installed: August 2010

Number of Wells Being Monitored: 11

Number of Wells Being Monitored Outside Compliance Boundary (Non-Background): 0

Parameters Being Monitored: Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Chloride, Copper, Iron, Lead, Manganese, Mercury, Nickel, Nitrate, pH, Selenium, Sulfate, Thallium, Total Dissolved Solids, Water Level, and Zinc

Monitoring Months: April, July, and November

First Monitoring Event: November 2010

Parameters Showing Exceedances (Current and Historic): Arsenic, Boron, Chloride, Chromium, Iron, Manganese, Nitrate, pH, Selenium, Sulfate, Thallium, and Total Dissolved Solids

Asheville Steam Electric Generating Plant, continued

Surface Water Reporting Status

Discharge Assessment Plan: Due December 31, 2014

Correction of Unauthorized Discharges: Application for Major Modification of NPDES permit received

Surface Water Monitoring Summary

Receiving Bodies of Water: French Broad River, Lake Julian, and unnamed tributary to Powell Creek, all Class C.

Number of Outfalls Being Monitored: 2

Parameters Being Monitored: Flow, Oil and Grease, Total Suspended Solids, pH, Total Mercury, Total Arsenic, Total Beryllium, Total Cadmium, Total Chlorides, Total Chromium, Total Copper, Total Fluoride, Total Lead, Total Manganese, Total Nickel, Total Selenium, Total Silver, Total Thallium, Total Zinc, Total Nitrogen, Total Phosphorus, Chronic Toxicity, Total Residual Chlorine, and Temperature

Number of Stormwater Outfalls Being Monitored: 6

Parameters Being Monitored for Stormwater Outfalls: Qualitative (“visual”) monitoring 2/year, which includes at each outfall: color, odor, clarity, floating solids, suspended solids, foam, oil sheen, and other obvious indicators of stormwater pollution.

Belews Creek Steam Station

General Information

Operational Date: 1974

Facility Status: Active

Priority: Due December 31, 2015

Location: 3195 Pine Hall Road, Belews Creek, NC 27009 (NC House district 91, NC Senate district 30)

NPDES Permit No.: NC0024406

Division of Water Resources Region: Winston-Salem

GPS Coordinates: 36.28, -80.060556

Coal Combustion Residuals Summary

Fly Ash: Dry Handling

Bottom Ash: Wet Handling

Flue Gas Desulfurization: Yes

Amount of Coal Combustion Residuals in the Impoundment(s): 12,610,000 tons

Current Activities (Related to Groundwater)

Last Action Taken at the Facility: Water Supply Well Survey and Groundwater Assessment Plan in progress

Groundwater Reporting Status

Water Supply Well Survey: Due October 1, 2014

Groundwater Assessment Plan: Due September 26, 2014

Groundwater Assessment Report: Due 180 days after approval of Groundwater Assessment Plan

Groundwater Corrective Action Plan: Due 90 days from submission of Groundwater Assessment Report

Water Supply Wells

Water Supply Wells Replaced Due to Contamination: 0

Groundwater Monitoring Summary

Compliance Groundwater Monitoring Wells Installed: December 2010

Number of Wells Being Monitored: 9

Number of Wells Being Monitored Outside Compliance Boundary (Non-Background): 0

Parameters Being Monitored: Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Chloride, Copper, Iron, Lead, Manganese, Mercury, Nickel, Nitrate, pH, Selenium, Sulfate, Thallium, Total Dissolved Solids, Water Level, and Zinc

Monitoring Months: January, May, and September

First Monitoring Event: January 2011

Parameters Showing Exceedances (Current and Historic): Chromium, Iron, Manganese, pH, and Thallium

Surface Water Reporting Status

Discharge Assessment Plan: Due December 31, 2014

Correction of Unauthorized Discharges: Application for Major Modification of NPDES permit received

Belews Creek Steam Station, continued

Surface Water Monitoring Summary

Receiving Bodies of Water: Belews Lake (Outfall 001), Class C, and Dan River (Outfall 003) class WS-IV

Number of Outfalls Being Monitored: 2

Parameters Being Monitored: Flow, Temperature, Oil and Grease, Total Suspended Solids, pH, Total Arsenic, Chlorides, Total Iron, Total Copper, Total Selenium, Total Silver, Fluoride, Total Phosphorus, Total Nitrogen, Chronic Toxicity, Bromides, and Total Mercury

Number of Stormwater Outfalls Being Monitored: 0

Buck Steam Station

General Information

Operational Date: 1926

Facility Status: Retired and Converted to Natural Gas (2011)

Priority: Due December 31, 2015

Location: 1555 Dukeville Road, Salisbury, NC 28146 (NC House district 76, NC Senate district 34)

NPDES Permit No.: NC0004774

Division of Water Resources Region: Mooresville

GPS Coordinates: 35.711029, -80.379359

Coal Combustion Residuals Summary

Fly Ash: None Currently Produced

Bottom Ash: None Currently Produced

Flue Gas Desulfurization: No

Amount of Coal Combustion Residuals in the Impoundment(s): 5,060,000 tons

Current Activities (Related to Groundwater)

Last Action Taken at the Facility: Water Supply Well Survey and Groundwater Assessment Plan in progress

Groundwater Reporting Status

Water Supply Well Survey: Due October 1, 2014

Groundwater Assessment Plan: Due September 26, 2014

Groundwater Assessment Report: Due 180 days after approval of Groundwater Assessment Plan

Groundwater Corrective Action Plan: Due 90 days from submission of Groundwater Assessment Report

Water Supply Wells

Water Supply Wells Replaced Due to Contamination: 0

Groundwater Monitoring Summary

Compliance Groundwater Monitoring Wells Installed: December 2010

Number of Wells Being Monitored: 14

Number of Wells Being Monitored Outside Compliance Boundary (Non-Background): 0

Parameters Being Monitored: Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Chloride, Copper, Iron, Lead, Manganese, Mercury, Nickel, Nitrate, pH, Selenium, Sulfate, Thallium, Total Dissolved Solids, Water Level, and Zinc

Monitoring Months: March, July, and November

First Monitoring Event: March 2011

Parameters Showing Exceedances (Current and Historic): Boron, Chromium, Iron, Manganese, pH, Sulfate, and Total Dissolved Solids

Buck Steam Station, continued

Surface Water Reporting Status

Discharge Assessment Plan: Due December 31, 2014

Correction of Unauthorized Discharges: Application for Major Modification of NPDES permit not yet received

Surface Water Monitoring Summary

Receiving Bodies of Water: Yadkin River, Class WS-IV and B

Number of Outfalls Being Monitored: 3

Parameters Being Monitored: Flow, Temperature, Oil and Grease, Total Suspended Solids, Total Copper, Total Iron, Total Arsenic, Total Selenium, Chronic Toxicity, Total Nitrogen, Total Phosphorus, pH, Total Mercury, and Fecal Coliform

Number of Stormwater Outfalls Being Monitored: 0

Cape Fear Steam Electric Generating Plant

General Information

Operational Date: 1923

Facility Status: Retired (2011)

Priority: Due December 31, 2015

Location: 500 CP&L Road, Moncure, NC 27559 (NC House district 54, NC Senate district 23)

NPDES Permit No.: NC0003433

Division of Water Resources Region: Raleigh

GPS Coordinates: 35.587778, -79.044444

Coal Combustion Residuals Summary

Fly Ash: None Currently Produced

Bottom Ash: None Currently Produced

Flue Gas Desulfurization: No

Amount of Coal Combustion Residuals in the Impoundment(s): 5,670,000 tons

Current Activities (Related to Groundwater)

Last Action Taken at the Facility: Water Supply Well Survey and Groundwater Assessment Plan in progress

Groundwater Reporting Status

Water Supply Well Survey: Due October 1, 2014

Groundwater Assessment Plan: Due September 26, 2014

Groundwater Assessment Report: Due 180 days after approval of Groundwater Assessment Plan

Groundwater Corrective Action Plan: Due 90 days from submission of Groundwater Assessment Report

Water Supply Wells

Water Supply Wells Replaced Due to Contamination: 0

Groundwater Monitoring Summary

Compliance Groundwater Monitoring Wells Installed: September 2010

Number of Wells Being Monitored: 13

Number of Wells Being Monitored Outside Compliance Boundary (Non-Background): 0

Parameters Being Monitored: Aluminum, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Chloride, Copper, Iron, Lead, Manganese, Mercury, Nickel, Nitrate, pH, Selenium, Sulfate, Thallium, Total Dissolved Solids, Water Level, and Zinc

Monitoring Months: March, June, and October

First Monitoring Event: December 2010

Parameters Showing Exceedances (Current and Historic): Antimony, Arsenic, Boron, Cadmium, Iron, Manganese, pH, Selenium, Sulfate, and Total Dissolved Solids

Cape Fear Steam Electric Generating Plant, continued

Surface Water Reporting Status

Discharge Assessment Plan: Due December 31, 2014

Correction of Unauthorized Discharges: Application for Major Modification of NPDES permit received

Surface Water Monitoring Summary

Receiving Bodies of Water: an unnamed tributary to Cape Fear River (confluence of Haw and Deep rivers), Class
WS-IV

Number of Outfalls Being Monitored: 1

Parameters Being Monitored: Flow, Total Chromium, Temperature, pH, Total Arsenic, Total Selenium, Total
Mercury, Total Nickel, Total Copper, Total Nitrogen, Total Phosphorus, Fecal Coliform, Chronic Toxicity

Number of Stormwater Outfalls Being Monitored: 5

Parameters Being Monitored for Stormwater Outfalls: No Requirements

Cliffside Steam Station

General Information

Operational Date: 1940

Facility Status: Active

Priority: Due December 31, 2015

Location: 573 Duke Power Road, Mooresboro, NC 28114 (NC House districts 111 & 112, NC Senate districts 46 & 47)

NPDES Permit No.: NC0005088

Division of Water Resources Region: Asheville

GPS Coordinates: 35.217222, -81.76111

Coal Combustion Residuals Summary

Fly Ash: Wet Handling (Unit 5), Dry Handling (Unit 6)

Bottom Ash: Wet Handling (Unit 5), Dry Handling (Unit 6)

Flue Gas Desulfurization: Yes

Amount of Coal Combustion Residuals in the Impoundment(s): 6,540,000 tons

Current Activities (Related to Groundwater)

Last Action Taken at the Facility: Water Supply Well Survey and Groundwater Assessment Plan in progress

Groundwater Reporting Status

Water Supply Well Survey: Due October 1, 2014

Groundwater Assessment Plan: Due September 26, 2014

Groundwater Assessment Report: Due 180 days after approval of Groundwater Assessment Plan

Groundwater Corrective Action Plan: Due 90 days from submission of Groundwater Assessment Report

Water Supply Wells

Water Supply Wells Replaced Due to Contamination: 0

Groundwater Monitoring Summary

Compliance Groundwater Monitoring Wells Installed: April 2011

Number of Wells Being Monitored: 9

Number of Wells Being Monitored Outside Compliance Boundary (Non-Background): 0

Parameters Being Monitored: Antimony, Arsenic, Barium, Boron, Cadmium, Chloride, Chromium, Copper, Iron, Lead, Manganese, Mercury, Nickel, Nitrate, pH, Selenium, Sulfate, Thallium, Total Dissolved Solids, Water Level, and Zinc

Monitoring Months: April, August, and December

First Monitoring Event: April 2011

Parameters Showing Exceedances (Current and Historic): Chromium, Iron, Manganese, pH, Sulfate, and Total Dissolved Solids

Cliffside Steam Station, continued

Surface Water Reporting Status

Discharge Assessment Plan: Due December 31, 2014

Correction of Unauthorized Discharges: Application for Major Modification of NPDES permit received

Surface Water Monitoring Summary

Receiving Bodies of Water: Broad River, Class C

Number of Outfalls Being Monitored: 3

Parameters Being Monitored: Flow, Oil and Grease, Total Suspended Solids, Total Copper, Total Iron, Total Arsenic, Total Selenium, Chronic Toxicity, Total Nitrogen, Total Phosphorus, pH, Total Cadmium, Total Chromium, Total Mercury, Total Nickel, Total Silver, Total Zinc, and Temperature

Number of Stormwater Outfalls Being Monitored: 0

Dan River Combined Cycle Station

General Information

Operational Date: 1949

Facility Status: Retired and Converted to Natural Gas (2012)

Priority: Due December 31, 2015

Location: 900 South Edgewood Road, Eden, NC 27288 (NC House district 65, NC Senate district 26)

NPDES Permit No.: NC0003468

Division of Water Resources Region: Winston-Salem

GPS Coordinates: 36.488368, -79.718053

Coal Combustion Residuals Summary

Fly Ash: None Currently Produced

Bottom Ash: None Currently Produced

Flue Gas Desulfurization: No

Amount of Coal Combustion Residuals in the Impoundment(s): 1,170,000 tons

Current Activities (Related to Groundwater)

Last Action Taken at the Facility: Water Supply Well Survey and Groundwater Assessment Plan in progress

Groundwater Reporting Status

Water Supply Well Survey: Due October 1, 2014

Groundwater Assessment Plan: Due September 26, 2014

Groundwater Assessment Report: Due 180 days after approval of Groundwater Assessment Plan

Groundwater Corrective Action Plan: Due 90 days from submission of Groundwater Assessment Report

Water Supply Wells

Water Supply Wells Replaced Due to Contamination: 0

Groundwater Monitoring Summary

Compliance Groundwater Monitoring Wells Installed: November 2010

Number of Wells Being Monitored: 7

Number of Wells Being Monitored Outside Compliance Boundary (Non-Background): 0

Parameters Being Monitored: Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Chloride, Copper, Iron, Lead, Manganese, Mercury, Nickel, Nitrate, pH, Selenium, Sulfate, Thallium, Total Dissolved Solids, Water Level, and Zinc

Monitoring Months: January, May, and September

First Monitoring Event: January 2011

Parameters Showing Exceedances (Current and Historic): Antimony, Arsenic, Boron, Iron, Manganese, pH, Sulfate, and Total Dissolved Solids

Dan River Combined Cycle Station, continued

Surface Water Reporting Status

Discharge Assessment Plan: Due December 31, 2014

Correction of Unauthorized Discharges: Application for Major Modification of NPDES permit received

Surface Water Monitoring Summary

Receiving Bodies of Water: Dan River, Class C

Number of Outfalls Being Monitored: 3

Parameters Being Monitored: Flow, Temperature, Total Iron, Total Suspended Solids, pH, Oil and Grease, Sulfate, Acute Toxicity, Total Kjeldahl Nitrogen, Nitrite/Nitrate Nitrogen, Total Nitrogen, and Total Phosphorus

Number of Stormwater Outfalls Being Monitored: 0

H. F. Lee Steam Electric Plant

General Information

Operational Date: 1951

Facility Status: Retired and Converted to Natural Gas (2012)

Priority: Due December 31, 2015

Location: 1677 Old Smithfield Road, Goldsboro, NC 27530 (NC House districts 4 & 10, NC Senate district 7)

NPDES Permit No.: NC0003417

Division of Water Resources Region: Washington

GPS Coordinates: 35.378023, -78.085626

Coal Combustion Residuals Summary

Fly Ash: None Currently Produced

Bottom Ash: None Currently Produced

Flue Gas Desulfurization: No

Amount of Coal Combustion Residuals in the Impoundment(s): 5,899,000 tons

Current Activities (Related to Groundwater)

Last Action Taken at the Facility: Water Supply Well Survey and Groundwater Assessment Plan in progress

Groundwater Reporting Status

Water Supply Well Survey: Due October 1, 2014

Groundwater Assessment Plan: Due September 26, 2014

Groundwater Assessment Report: Due 180 days after approval of Groundwater Assessment Plan

Groundwater Corrective Action Plan: Due 90 days from submission of Groundwater Assessment Report

Water Supply Wells

Water Supply Wells Replaced Due to Contamination: 0

Groundwater Monitoring Summary

Compliance Groundwater Monitoring Wells Installed: December 2010, with modification in October 2012 at the active site. September 2011 at the inactive site.

Number of Wells Being Monitored: 8 around active ponds; 5 around inactive ponds

Number of Wells Being Monitored Outside Compliance Boundary (Non-Background): 0

Parameters being monitored: Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Chloride, Copper, Iron, Lead, Manganese, Mercury, Nickel, Nitrate, pH, Selenium, Sulfate, Thallium, Total Dissolved Solids, Water Level, and Zinc

Monitoring Months: March, June, and December

First Monitoring Event: December 2010

Parameters Showing Exceedances (Current and Historic): Arsenic, Boron, Cadmium, Chromium, Iron, Lead, Manganese, pH, Selenium, Thallium, and Total Dissolved Solids

H. F. Lee Steam Electric Plant, continued

Surface Water Reporting Status

Discharge Assessment Plan: Due December 31, 2014

Correction of Unauthorized Discharges: Application for Major Modification of NPDES permit not yet received

Surface Water Monitoring Summary

Receiving Bodies of Water: Neuse River, Class WS-IV NSW

Number of Outfalls Being Monitored: 2

Parameters Being Monitored: Flow, Oil and Grease, Total Suspended Solids, pH, Total Arsenic, Total Selenium, Total Kjeldahl Nitrogen, Nitrites plus Nitrates, Total Nitrogen, Total Phosphorus, Chronic Toxicity, Total Copper, Total Iron, Total Residual Chlorine, Temperature, Acute Toxicity, Total Zinc, and Acute Episodic Toxicity

Number of Stormwater Outfalls Being Monitored: 0

Marshall Steam Station

General Information

Operational Date: 1965

Facility Status: Active

Priority: Due December 31, 2015

Location: 8320 East NC Hwy. 150, Terrell, NC 28682 (NC House district 89, NC Senate district 42)

NPDES Permit No.: NC0004987

Division of Water Resources Region: Mooresville

GPS Coordinates: 35.595278, -80.964444

Coal Combustion Residuals Summary

Fly Ash: Dry Handling

Bottom Ash: Wet Handling

Flue Gas Desulfurization: Yes

Amount of Coal Combustion Residuals in the Impoundment(s): 22,270,000 tons

Current Activities (Related to Groundwater)

Last Action Taken at the Facility: Water Supply Well Survey and Groundwater Assessment Plan in progress

Groundwater Reporting Status

Water Supply Well Survey: Due October 1, 2014

Groundwater Assessment Plan: Due September 26, 2014

Groundwater Assessment Report: Due 180 days after approval of Groundwater Assessment Plan

Groundwater Corrective Action Plan: Due 90 days from submission of Groundwater Assessment Report

Water Supply Wells

Water Supply Wells Replaced Due to Contamination: 0

Groundwater Monitoring Summary

Compliance Groundwater Monitoring Wells Installed: August 2010

Number of Wells Being Monitored: 12

Number of Wells Being Monitored Outside Compliance Boundary (Non-Background): 0

Parameters Being Monitored: Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Chloride, Copper, Iron, Lead, Manganese, Mercury, Nickel, Nitrate, pH, Selenium, Sulfate, Thallium, Total Dissolved Solids, Water Level, and Zinc

Monitoring Months: February, June, and October

First Monitoring Event: February 2011

Parameters Showing Exceedances (Current and Historic): Boron, Iron, Manganese, pH, Sulfate, and Total Dissolved Solids

Marshall Steam Station, continued

Surface Water Reporting Status

Discharge Assessment Plan: Due December 31, 2014

Correction of Unauthorized Discharges: Application for Major Modification of NPDES permit not yet received

Surface Water Monitoring Summary

Receiving Bodies of Water: Catawba River (Lake Norman), Class WS-IV and B-CA

Number of Outfalls Being Monitored: 4

Parameters Being Monitored: Flow, Temperature, Free Available Chlorine, Oil and Grease, Total Suspended Solids, Total Arsenic, Chloride, Total Copper, Total Iron, Total Mercury, Total Nickel, Total Selenium, Total Zinc, Total Nitrogen, Total Phosphorus, Chronic Toxicity, pH, and Total Residual Chlorine

Number of Stormwater Outfalls Being Monitored: 0

Mayo Steam Electric Generating Plant

General Information

Operational Date: 1983

Facility Status: Active

Priority: Due December 31, 2015

Location: 10660 Boston Road, Roxboro, NC 27573 (NC House district 2, NC Senate district 22)

NPDES Permit No.: NC0038377

Division of Water Resources Region: Raleigh

GPS Coordinates: 36.527778, -78.885833

Coal Combustion Residuals Summary

Fly Ash: Dry Handling

Bottom Ash: Dry Handling

Flue Gas Desulfurization: Yes

Amount of Coal Combustion Residuals in the Impoundment(s): 6,900,000 tons

Current Activities (Related to Groundwater)

Last Action Taken at the Facility: Water Supply Well Survey and Groundwater Assessment Plan in progress

Groundwater Reporting Status

Water Supply Well Survey: Due October 1, 2014

Groundwater Assessment Plan: Due September 26, 2014

Groundwater Assessment Report: Due 180 days after approval of Groundwater Assessment Plan

Groundwater Corrective Action Plan: Due 90 days from submission of Groundwater Assessment Report

Water Supply Wells

Water Supply Wells Replaced Due to Contamination: 0

Groundwater Monitoring Summary

Compliance Groundwater Monitoring Wells Installed: November 2010

Number of Wells Being Monitored: 10

Number of Wells Being Monitored Outside Compliance Boundary (Non-Background): 0

Parameters Being Monitored: Aluminum, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Chloride, Copper, Iron, Lead, Manganese, Mercury, Nickel, Nitrate, pH, Selenium, Sulfate, Thallium, Total Dissolved Solids, Water Level, and Zinc

Monitoring Months: April, July, and November

First Monitoring Event: December 2010

Parameters Showing Exceedances (Current and Historic): Boron, Cadmium, Chromium, Iron, Manganese, pH, Thallium, and Total Dissolved Solids

Mayo Steam Electric Generating Plant, continued

Surface Water Reporting Status

Discharge Assessment Plan: Due December 31, 2014

Correction of Unauthorized Discharges: Application for Major Modification of NPDES permit not yet received

Surface Water Monitoring Summary

Receiving Bodies of Water: Mayo Lake, Class WS-V

Number of Outfalls Being Monitored: 2

Parameters Being Monitored: Flow, Free Available Chlorine, Total Chromium, Total Zinc, 126 Priority Pollutants, pH, Oil and Grease, Total Suspended Solids, Total Selenium, Acute Toxicity, Total Arsenic, Total Copper, Total Iron, pH, Total Mercury, Total Beryllium, Total cadmium, Total Chlorides, Total Chromium, Total Copper, Total Fluoride, Total Lead, Total Manganese, Total Nickel, Total Silver, Total Zinc, Total barium, Total Thallium, Total Vanadium, Total Antimony, Total Boron, Total Cobalt, Total Molybdenum, and Total Iron

Number of Stormwater Outfalls Being Monitored: 7

Parameters Being Monitored for Stormwater Outfalls: visual monitoring 2/year

Riverbend Steam Station

General Information

Operational Date: 1929

Facility Status: Retired (2013)

Priority: Due December 31, 2015

Location: 175 Steamplant Station, Mount Holly, NC 28120 (NC House district 108, NC Senate district 44)

NPDES Permit No.: NC0004961

Division of Water Resources Region: Mooresville

GPS Coordinates: 35.357778, -80.97

Coal Combustion Residuals Summary

Fly Ash: None Currently Produced

Bottom Ash: None Currently Produced

Flue Gas Desulfurization: No

Amount of Coal Combustion Residuals in the Impoundment(s): 2,730,000 tons

Current Activities (Related to Groundwater)

Last Action Taken at the Facility: Water Supply Well Survey and Groundwater Assessment Plan in progress

Groundwater Reporting Status

Water Supply Well Survey: Due October 1, 2014

Groundwater Assessment Plan: Due September 26, 2014

Groundwater Assessment Report: Due 180 days after approval of Groundwater Assessment Plan

Groundwater Corrective Action Plan: Due 90 days from submission of Groundwater Assessment Report

Water Supply Wells

Water Supply Wells Replaced Due to Contamination: 0

Groundwater Monitoring Summary

Compliance Groundwater Monitoring Wells Installed: December 2010

Number of Wells Being Monitored: 12

Number of Wells Being Monitored Outside Compliance Boundary (Non-Background): 0

Parameters being monitored: Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Chloride, Copper, Iron, Lead, Manganese, Mercury, Nickel, Nitrate, pH, Selenium, Sulfate, Thallium, Total Dissolved Solids, Water Level, and Zinc

Monitoring Months: February, June, and October

First Monitoring Event: December 2010

Parameters Showing Exceedances (Current and Historic): Antimony, Iron, Manganese, and pH

Surface Water Reporting Status

Discharge Assessment Plan: Due December 31, 2014

Correction of Unauthorized Discharges: Application for Major Modification of NPDES permit received

Riverbend Steam Station, continued

Surface Water Monitoring Summary

Receiving Bodies of Water: Catawba River (Mountain Island Lake), Class WS-IV and B-CA

Number of Outfalls Being Monitored: 3

Parameters Being Monitored: Flow, Total Suspended Solids, Oil and Grease, Total Copper, Total Iron, Total Arsenic, Total Selenium, Total Mercury, Total Phosphorus, Total Nitrogen, pH, Chronic Toxicity, Temperature, and Fecal Coliform

Number of Stormwater Outfalls Being Monitored: 0

Roxboro Steam Electric Generating Plant

General Information

Operational Date: 1966

Facility Status: Active

Priority: Due December 31, 2015

Location: 1700 Dunnaway Road, Semora, NC 27343 (NC House district 2, NC Senate district 22)

NPDES Permit No.: NC0003425

Division of Water Resources Region: Raleigh

GPS Coordinates: 36.478833, -79.070889

Coal Combustion Residuals Summary

Fly Ash: Dry Handling

Bottom Ash: Wet Handling

Flue Gas Desulfurization: Yes

Amount of Coal Combustion Residuals in the Impoundment(s): 16,440,000 tons

Current Activities (Related to Groundwater)

Last Action Taken at the Facility: Water Supply Well Survey and Groundwater Assessment Plan in progress

Groundwater Reporting Status

Water Supply Well Survey: Due October 1, 2014

Groundwater Assessment Plan: Due September 26, 2014

Groundwater Assessment Report: Due 180 days after approval of Groundwater Assessment Plan

Groundwater Corrective Action Plan: Due 90 days from submission of Groundwater Assessment Report

Water Supply Wells

Water Supply Wells Replaced Due to Contamination: 0

Groundwater Monitoring Summary

Compliance Groundwater Monitoring Wells Installed: November 2010

Number of Wells Being Monitored: 8

Number of Wells Being Monitored Outside Compliance Boundary (Non-Background): 0

Parameters being monitored: Aluminum, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Chloride, Copper, Iron, Lead, Manganese, Mercury, Nickel, Nitrate, pH, Selenium, Sulfate, Thallium, Total Dissolved Solids, Water Level, and Zinc

Monitoring Months: April, July, and November

First Monitoring Event: November 2010

Parameters Showing Exceedances (Current and Historic): Cadmium, Chromium, Iron, Manganese, pH, Sulfate, and Total Dissolved Solids

Roxboro Steam Electric Generating Plant, continued

Surface Water Reporting Status

Discharge Assessment Plan: Due December 31, 2014

Correction of Unauthorized Discharges: Application for Major Modification of NPDES permit not yet received

Surface Water Monitoring Summary

Receiving Bodies of Water: Hyco Lake, Class WS-V and B

Number of Outfalls Being Monitored: 2

Parameters Being Monitored: Flow, Total Residual Chlorine, Total Phosphorus, Total Nitrogen, Temperature, Total Arsenic, pH, and Acute Toxicity

Number of Stormwater Outfalls Being Monitored: 0

L. V. Sutton Electric Plant

General Information

Operational Date: 1954

Facility Status: Retired and Converted to Natural Gas (2013)

Priority: Due December 31, 2015

Location: 801 Sutton Steam Plant Road, Wilmington, NC 28401 (NC House district 18, NC Senate district 9)

NPDES Permit No.: NC0001422

Division of Water Resources Region: Wilmington

GPS Coordinates: 34.283786, -77.985205

Coal Combustion Residuals Summary

Fly Ash: None Currently Produced

Bottom Ash: None Currently Produced

Flue Gas Desulfurization: No

Amount of Coal Combustion Residuals in the Impoundment(s): 6,320,000 tons

Current Activities (Related to Groundwater)

Last Action Taken at the Facility: Water Supply Well Survey and Groundwater Assessment Plan in progress

Groundwater Reporting Status

Water Supply Well Survey: Due October 1, 2014

Groundwater Assessment Plan: Due September 26, 2014

Groundwater Assessment Report: Due 180 days after approval of Groundwater Assessment Plan

Groundwater Corrective Action Plan: Due 90 days from submission of Groundwater Assessment Report

Water Supply Wells

Water Supply Wells Replaced Due to Contamination: 0

Groundwater Monitoring Summary

Compliance Groundwater Monitoring Wells Installed: Through 2006

Number of Wells Being Monitored: 17

Number of Wells Being Monitored Outside Compliance Boundary (Non-Background): 7

Parameters Being Monitored: Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Chloride, Copper, Iron, Lead, Manganese, Mercury, Nickel, Nitrate, pH, Selenium, Sulfate, Thallium, Total Dissolved Solids, Water Level, and Zinc

Monitoring Months: March June, and October

First Monitoring Event: March 2010

Parameters Showing Exceedances (Current and Historic): Antimony, Arsenic, Boron, Cadmium, Chloride, Iron, Lead, Manganese, Mercury, pH, Selenium, Sulfate, Thallium, and Total Dissolved Solids

L. V. Sutton Electric Plant, continued

Surface Water Reporting Status

Discharge Assessment Plan: Due December 31, 2014

Correction of Unauthorized Discharges: Application for Major Modification of NPDES permit received

Surface Water Monitoring Summary

Receiving Bodies of Water: Cape Fear River, Class C - Swamp

Number of Outfalls Being Monitored: 1

Parameters Being Monitored: Flow, Temperature, Total Residual Chlorine, Total Copper, Total Nitrogen, Total Phosphorus, Dissolved Oxygen, Acute Toxicity, Total Mercury, pH, Total Suspended Solids, Total Selenium, Total Arsenic, and Oil and Grease

Number of Stormwater Outfalls Being Monitored: 0

Weatherspoon Steam Electric Plant

General Information

Operational Date: 1949

Facility Status: Retired (2011)

Priority: Due December 31, 2015

Location: 491 Power Plant Road, Lumberton, NC 28358 (NC House district 46, NC Senate district 13)

NPDES Permit No.: NC0005363

Division of Water Resources Region: Fayetteville

GPS Coordinates: 34.592523, -78.977649

Coal Combustion Residuals Summary

Fly Ash: None Currently Produced

Bottom Ash: None Currently Produced

Flue Gas Desulfurization: No

Amount of Coal Combustion Residuals in the Impoundment(s): 1,700,000 tons

Current Activities (Related to Groundwater)

Last Action Taken at the Facility: Water Supply Well Survey and Groundwater Assessment Plan in progress

Groundwater Reporting Status

Water Supply Well Survey: Due October 1, 2014

Groundwater Assessment Plan: Due September 26, 2014

Groundwater Assessment Report: Due 180 days after approval of Groundwater Assessment Plan

Groundwater Corrective Action Plan: Due 90 days from submission of Groundwater Assessment Report

Water Supply Wells

Water Supply Wells Replaced Due to Contamination: 0

Groundwater Monitoring Summary

Compliance Groundwater Monitoring Wells Installed: August 2010

Number of Wells Being Monitored: 4

Number of Wells Being Monitored Outside Compliance Boundary (Non-Background): 0

Parameters Being Monitored: Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Chloride, Copper, Iron, Lead, Manganese, Mercury, Nickel, Nitrate, pH, Selenium, Sulfate, Thallium, Total Dissolved Solids, Water Level, and Zinc

Monitoring Months: March, June, and October

First Monitoring Event: November 2010

Parameters Showing Exceedances (Current and Historic): Arsenic, Cadmium, Iron, Manganese, pH, and Thallium

Weatherspoon Steam Electric Plant, continued

Surface Water Reporting Status

Discharge Assessment Plan: Due December 31, 2014

Correction of Unauthorized Discharges: Application for Major Modification of NPDES permit not yet received

Surface Water Monitoring Summary

Receiving Bodies of Water: Lumber River, Class C - Swamp

Number of Outfalls Being Monitored: 2

Parameters Being Monitored: Flow, Oil and Grease, Total Suspended Solids, Total Copper, Total Iron, Total Arsenic, Total Selenium, pH, Temperature, and Acute Toxicity

Number of Stormwater Outfalls Being Monitored: 3

Parameters Being Monitored for Stormwater Outfalls: visual 2/year, TSS, O&G, As, Cu, Fe, Hg, Se, pH (two of the three outfalls only)

DENR/DEMLR Quarterly Report on Coal Ash Management Activities due to the ERC
June - August 2014

No	Plant Name	Stormwater List of Letters Sent/Received (with Date)	List of Stormwater Applications Received/Pending	Stormwater Application Status	Stormwater List of Inspections, (Date and General Findings)	Dam Safety List of Letters Sent/Received (with Date)	List of Dam Safety Applications Received/Pending	Dam Safety Application Status	Dam Safety List of Inspections, (Date and General Findings)
1	Allen Steam Station					GASTO-016 NOD 6/13/14. GASTO-061 NOD 6/13/14. Duke letter 6/26/14. Duke letter 7/30/14. GASTO-016 letter 8/11/14. GASTO-061 letter 8/11/14. Duke	GASTO-016, GASTO-061 repair plans due 9/26/14.	EAP under review.	6/12/14 - camera inspection review for GASTO-061 and GASTO-016. Both spillways need repair.
2	Belews Creek Steam Station								
3	Buck Steam Station					ROWAN-047 NOD 6/13/14. ROWAN-069 NOD 6/13/14. ROWAN-070 NOI 6/13/14. Duke letter 6/26/14. Duke letter 7/30/14. ROWAN-047 letter 8/11/14. ROWAN-069 letter 8/11/14. ROWAN-070 NOD 8/11/14. Duke letter 8/22/14.	ROWAN-047, ROWAN-069 repair plans due 9/26/14. ROWAN-070 repair plan due 10/13/14.	EAP under review.	6/12/14 - camera inspection review for ROWAN-047, ROWAN-069, ROWAN-070. ROWAN-047 and ROWAN-069 need repair. Requested engineer's assesment of ROWAN-070. After evaluation of engineer's assessment, ROWAN-070 determined to need repair.
4	Cliffside Steam Station					CLEVE-047 NOD 6/13/14. CLEVE-049 NOD 6/13/14. RUTHE-070 NOD 6/13/14. Duke letter 6/26/14. Duke letter 7/30/14. CLEVE-049 letter 8/11/14. RUTHE-070 letter 8/11/14. Duke letter 8/22/14.	CLEVE-049, RUTHE-070 repair plans due 9/26/14.	CLEVE-047 repair plan under review. EAP under review.	6/12/14 - camera inspection review for CLEVE-047, CLEVE-049, RUTHE-070. All spillways need repair.
5	Dan River Steam Station								
6	Marshall Steam Station					CATAW-054 NOI 6/13/14. Duke letter 6/26/14. Duke letter 7/30/14. NOD issued 8/11/14. Duke letter 8/22/14.	CATAW-054 repair plan for spillway system due 10/16/14, CATAW-2014-009, application received on 5/5/14.	CATAW-054 erosion repair plan under review. EAP under review. CATAW-2014-009, application approved 6/1/14.	6/12/14 camera inspection review for CATAW-054. Requested engineer's assessment of video.
7	Riverbend Steam Station				6/20/14 - site visit with RCO permitting staff to review submitted application info; 7/15/14 - site visit for newly found stormwater pipe evaluation.	GASTO-098 Pipe NOD 6/13/14. GASTO-099 letter 6/13/14. Duke letter 6/26/14. Duke letter 7/30/14. GASTO-098 letter 8/11/14. GASTO-099 letter 8/11/14. Duke letter 8/22/14.	GASTO-098 repair plan due 9/26/14. GASTO-099 next annual internal camera inspection due by 3/27/15, with engineer's assessment and copy of video submitted within 30 days	EAP under review.	6/12/2014 camera inspection for GASTO-098, GASTO-099. GASTO-098 needs repair. Requested engineer's assessment of GASTO-099 video.
8	Asheville Power Station								
9	Cape Fear Power Station								
10	Sutton Power Station								
11	Mayo Power Station								
12	Roxboro Power Station								
13	Weatherspoon Power Station								
14	H.F. Lee Power Station								

GASTO-2014-009, 7/11/14, in compliance

DENR/DEMLR Quarterly Report on Coal Ash Management Activities due to the ERC
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1	Allen Steam Station				Site Visit - July 30 , 2014 - gathered information in support of future permit application review and give input on question for application submittal.		EAP's received for dams at Belew's Lake and Dan River Facilities. Received 8/11/14.	Review comments submitted to Dam Safety Engineer on 8/11/14.	Inspect ROCKI-237 for stabilization of pipe repir area, 9/11/14; Belew's Creek Craig Road Landfill, 9/10/14; Craig Rd. Landfill Exp Const of Ph. 2, 9/10/14: Duke Energy Belews Lake Ash Landfill Intake; 9/10/14; Belews Creek Flu Gas Desulfurization; 9/10/14;
2	Belews Creek Steam Station								
3	Buck Steam Station								
4	Cliffside Steam Station								
5	Dan River Steam Station				Site Visit - July 3 , 2014 - gathered information in support of future permit application review and give input on question for application submittal.				Duke Dan River Phase 1 (this is for the decommissioning of coal plant), 9/11/14; Duke Dan River Phase 2 (this is for the decommissioning of coal plant), 9/11/14; Duke Dan River-New Boat Ramp (this plan also includes areas disturbed for emergency dam repairs), 9/11/14; Duke Energy Dan River & Town Creek Mitigation, 9/11/14; Dam breach repair area and the Primary Pond Secondary Containment repairs on ROCKI-237-H; 9/11/14
6	Marshall Steam Station								
7	Riverbend Steam Station								
8	Asheville Power Station								
9	Cape Fear Power Station								
10	Sutton Power Station								
11	Mayo Power Station								
12	Roxboro Power Station								
13	Weatherspoon Power Station								
14	H.F. Lee Power Station								

DENR/DEMLR Quarterly Report on Coal Ash Management Activities due to the ERC
June - August 2014

No	Plant Name	Stormwater List of Letters Sent/Received (with Date)	List of Stormwater Applications Received/Pending	Stormwater Application Status	Stormwater List of Inspections, (Date and General Findings)	Dam Safety List of Letters Sent/Received (with Date)	List of Dam Safety Applications Received/Pending	Dam Safety Application Status	Dam Safety List of Inspections, (Date and General Findings)
1	Allen Steam Station								
2	Belews Creek Steam Station								
3	Buck Steam Station								
4	Cliffside Steam Station								
5	Dan River Steam Station								
6	Marshall Steam Station								
7	Riverbend Steam Station								
8	Asheville Power Station								
9	Cape Fear Power Station								
10	Sutton Power Station	Final Designer's Certification No. SW8 110201 received 6/29/14				NOI 6/17/14; NOI Response 6/27/14 Consultant Engineering Assessment letter 7/25/14; Duke Energy response 7/30/14 NOI 8/5/2014; NOI Response 8/21/14	Video of outfall inspection Received 6/11/14		
	Sutton Power Station								
	Sutton Power Station								
11	Mayo Power Station								
12	Roxboro Power Station								
13	Weatherspoon Power Station								
14	H.F. Lee Power Station								

DENR/DEMLR Quarterly Report on Coal Ash Management Activities due to the ERC
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No	Plant Name	Stormwater List of Letters Sent/Received (with Date)	List of Stormwater Applications Received/Pending	Stormwater Application Status	Stormwater List of Inspections, (Date and General Findings)	Dam Safety List of Letters Sent/Received (with Date)	List of Dam Safety Applications Received/Pending	Dam Safety Application Status	Dam Safety List of Inspections, (Date and General Findings)
1	Allen Steam Station								
2	Belews Creek Steam Station								
3	Buck Steam Station								
4	Cliffside Steam Station								
5	Dan River Steam Station								
6	Marshall Steam Station								
7	Riverbend Steam Station								
8	Asheville Power Station								
9	Cape Fear Power Station								
10	Sutton Power Station								
11	Mayo Power Station								
12	Roxboro Power Station								
13	Weatherspoon Power Station					NOD 6/17/14; NOD Followup 8/12/14; NOD Response 6/27/14, 7/30/14, 8/4/14, 8/12/14; Hazard Class 8/28/14	9/10/14 As- built plans Rec'd;		SELC Public Record Request 6/27/14;
14	H.F. Lee Power Station								

DENR/DEMLR Quarterly Report on Coal Ash Management Activities due to the ERC
June - August 2014

No	Plant Name	Stormwater List of Letters Sent/Received (with Date)	List of Stormwater Applications Received/Pending	Stormwater Application Status	Stormwater List of Inspections, (Date and General Findings)	Dam Safety List of Letters Sent/Received (with Date)	List of Dam Safety Applications Received/Pending	Dam Safety Application Status	Dam Safety List of Inspections, (Date and General Findings)
1	Allen Steam Station								
2	Belews Creek Steam Station								
3	Buck Steam Station								
4	Cliffside Steam Station								
5	Dan River Steam Station								
6	Marshall Steam Station								
7	Riverbend Steam Station								
8	Asheville Power Station								
9	Cape Fear Power Station								
10	Sutton Power Station								
11	Mayo Power Station								
12	Roxboro Power Station								
13	Weatherspoon Power Station					NOI 6/26/14;NOI Response 7/30/14; NOD 8/6/14; NOD Response 8/21/14 (WaRO)			
14	H.F. Lee Power Station								

DENR/DEMLR Quarterly Report on Coal Ash Management Activities due to the ERC
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No	Plant Name	Stormwater List of Letters Sent/Received (with Date)	List of Stormwater Applications Received/Pending	Stormwater Application Status	Stormwater List of Inspections, (Date and General Findings)	Dam Safety List of Letters Sent/Received (with Date)	List of Dam Safety Applications Received/Pending	Dam Safety Application Status	Dam Safety List of Inspections, (Date and General Findings)
1	Allen Steam Station								
2	Belews Creek Steam Station								
3	Buck Steam Station								
4	Cliffside Steam Station								
5	Dan River Steam Station								
6	Marshall Steam Station								
7	Riverbend Steam Station								
8	Asheville Power Station				8/27/14 - Inspection to review submitted application info (Mike Randall).	BUNCO-089 - NOD 08/06/2014; NOD Response 08/18/14; EAP 8/11/14; BUNCO-097: LOI Response to Pipe Assessment 8/7/2014; EAP 8/11/14			8/27/14 - inspect BUNCO-089; LOI pending. 8/27/14 - inspect BUNCO-097; LOI pending. 8/27/14 - inspect Asheville Dam Enhancement Phase 2 1964 Dam (BUNCO- 2012-002). 8/27/2014 - inspect Phase 1 NPDES discharge line relocation (BUNCO- 2012-001).
9	Cape Fear Power Station								
10	Sutton Power Station								
11	Mayo Power Station								
12	Roxboro Power Station								
13	Weatherspoon Power Station								
14	H.F. Lee Power Station								

Plant Name								
State Dam ID	Dam Name	Letters Sent/Received (with Date)	List of Stormwater Applications Received/Pending	Stormwater Application Status	Inspections, (Date and General Findings)	Dam Safety List of Letters Sent/Received (with Date)	List of Dam Safety Applications Received/Pending	Dam Safety Application Status
Allen Steam Station								
GASTO-061	Allen Active Ash Basin Dam					NOD 6/13/14; Initial Response rec'd 6/26/14; Pipe evaluation report rec'd 7/31/14; NOD followup (plan required) sent 8/11/14	EAP rec'd 7/31/14; Plan due date 9/26/14	EAP pending review
GASTO-016	Allen Retired Ash Basin Dam					NOD 6/13/14; Initial Response rec'd 6/26/14; Pipe evaluation report rec'd 7/31/14; NOD followup (plan required) sent 8/11/14	EAP rec'd 7/31/14; Plan due date 9/26/14	EAP pending review
Belews Creek Steam Station								
STOKE-116	Belews Creek Active Ash Basin Dam					NOI 6/26/14; Initial Response rec'd 7/2/14; Pipe evaluation report rec'd 7/31/14; NOD 8/7/14	EAP rec'd 7/31/14; Plan due date 10/13/14	EAP pending review
Buck Steam Station								
ROWAN-047	Buck Steam Station Main Dam					NOD 6/13/14; Initial Response rec'd 6/26/14; Pipe evaluation report rec'd 7/31/14; NOD followup (plan required) sent 8/11/14	EAP rec'd 7/31/14; Plan due date 9/26/14	EAP pending review
ROWAN-068	Buck Steam Station New (Additional Primary) Dam					N/A	EAP rec'd 7/31/14	EAP pending review
ROWAN-069	Buck Steam Station Basin 1 to Basin 2 Dam					NOD 6/13/14; Initial Response rec'd 6/26/14; Pipe evaluation report rec'd 7/31/14; NOD followup (plan required) sent 8/11/14	EAP rec'd 7/31/14; Plan due date 9/26/14	EAP pending review
ROWAN-070	Buck Steam Station Basin 2 to Basin 3 Dam					NOI 6/13/14; Initial Response rec'd 6/26/14; Pipe evaluation report rec'd 7/31/14; NOD 8/11/14	EAP rec'd 7/31/14; Plan due date 10/13/14	EAP pending review
ROWAN-071	Buck Steam Station Divider Dam					N/A	EAP rec'd 7/31/14	EAP pending review
Cliffside Steam Station								
RUTHE-070	Cliffside Inactive Ash Basin #5 Main Dam					(Previous NOD 3/5/14); NOD 6/13/14; Initial Response rec'd 6/26/14; Pipe evaluation report rec'd 7/28/14; NOD followup (plan required) sent 8/11/14	EAP rec'd 7/31/14; Plan due date 9/26/14	EAP pending review
RUTHE-072	Cliffside Inactive Ash Basin #5 Saddle Dam					N/A	EAP rec'd 7/31/14	EAP pending review
CLEVE-050	Cliffside Active Ash Basin Upstream Dam					N/A	EAP rec'd 7/31/14	EAP pending review
CLEVE-049	Cliffside Active Ash Pond Downstream Dam					NOD 6/13/14; Initial Response rec'd 6/26/14; Pipe evaluation report rec'd 7/31/14; NOD followup (plan required) sent 8/11/14	EAP rec'd 7/31/14; Plan due date 9/26/14	EAP pending review
CLEVE-047	Cliffside Inactive Ash Basin 1-4 Main Dam					(Previous NOD 3/5/14); NOD 6/13/14; Initial Response rec'd 6/26/14; Pipe evaluation report rec'd 7/31/14	EAP rec'd 7/31/14; Plan due date 8/20/14	EAP pending review
Dan River Steam Station								
ROCK-237	Dan River Active Primary Ash Basin					N/A	EAP rec'd 7/31/14	EAP pending review
ROCK-238	Dan River Active Secondary Ash Basin					NOD 6/26/14; Initial Response rec'd 7/2/14; Pipe evaluation report rec'd 7/31/14; NOD followup (plan required) sent 8/12/14	EAP rec'd 7/31/14; Plan due date 9/26/14	EAP pending review
Marshall Steam Station								
CATAW-054	Marshall Active Ash Basin Dam					NOI 6/13/14; Initial Response rec'd 6/26/14; Pipe evaluation report rec'd 7/31/14; NOD 8/11/14	Modification plan rec'd 6/11/14; EAP rec'd 7/31/14; Repair plan rec'd 8/26/14; Plan due date 10/13/14	Revisions/add'l info requestd for modification plan 7/28/14; EAP pending review
Riverbend Steam Station								
GASTO-097	Riverbend Active Ash Basin Dam 1 (Primary)					N/A	EAP rec'd 7/31/14	EAP pending review
GASTO-098	Riverbend Active Ash Basin Dam 2 (Secondary)					NOD 6/13/14; Initial Response rec'd 6/26/14; Pipe evaluation report rec'd 7/31/14; NOD followup (plan required) sent 8/11/14	EAP rec'd 7/31/14; Plan due date 9/26/14	EAP pending review
GASTO-099	Riverbend Ash Basin Intermediate Dam					NOI 6/13/14; Initial Response rec'd 6/26/14; Pipe evaluation report rec'd 7/31/14; NOI follow-up 8/11/14	EAP rec'd 7/31/14	EAP pending review
Asheville Power Station								
BUNCO-089	Asheville 1982 Ash Pond Dam					NOI 6/16/14; Initial Response rec'd 6/27/14; Pipe evaluation report rec'd 7/30/14; NOD 8/6/14	EAP rec'd 7/31/14; Plan due date 10/13/14	EAP pending review
BUNCO-097	Asheville 1964 Ash Pond Dam					NOI 6/16/14; Initial Response rec'd 6/27/14; Pipe evaluation report rec'd 7/30/14; NOI follow-up 8/16/14	EAP rec'd 7/31/14	EAP pending review
Cape Fear Power Station								
CHATH-075	Cape Fear 1956 Ash Pond (Inactive)					NOI 6/26/14; Initial Response rec'd 7/2/14; Pipe evaluation report rec'd 7/28/14; NOD 8/11/14	Plan due date 10/13/14	
CHATH-076	Cape Fear 1963 Ash Pond Dam (Inactive)					N/A	N/A	
CHATH-077	Cape Fear 1970 Ash Pond Dam (Inactive)					NOD 6/26/14; Initial Response rec'd 7/2/14; Pipe evaluation report rec'd 7/28/14; NOD followup (plan required) sent 8/11/14	Plan due date 9/26/14	
CHATH-078	Cape Fear 1978 Ash Pond Dam					NOD 6/26/14; Initial Response rec'd 7/2/14; Pipe evaluation report rec'd 7/28/14; NOD followup (plan required) sent 8/11/14	EAP rec'd 7/31/14; Plan due date 9/26/14	EAP pending review
CHATH-079	Cape Fear 1985 Ash Pond Dam					(Previous NOD 3/28/14); Pipe NOI 6/26/14; Initial Response rec'd 7/2/14; Pipe evaluation report rec'd 7/28/14	Modification application rec'd 6/2/14; EAP rec'd 7/31/14; Repair application rec'd 8/20/14; Plan due date 8/20/14	Revisions requestd for modification 06/26/14; EAP pending review; Repair plan pending review
Sutton Power Station								
NEMHA-005	Sutton 1984 Ash Pond					NOI 6/17/14; Initial Response rec'd 6/27/14; Pipe evaluation report rec'd 7/31/14; NOI follow-up 8/5/14	EAP rec'd 7/31/14	EAP pending review
NEMHA-004	Sutton 1971 Ash Pond					NOI 6/17/14; Initial Response rec'd 6/27/14; Pipe evaluation report rec'd 7/31/14; Dam is exempt	EAP rec'd 7/31/14	EAP pending review
Mayo Power Station								
PERSO-035	Mayo Ash Pond Dam					NOI 6/26/14; Initial Response rec'd 7/2/14; Pipe evaluation report rec'd 7/31/14; NOD 8/11/14	EAP rec'd 7/31/14	EAP pending review
Roxboro Power Station								
PERSO-038	Roxboro West Ash Pond Dam					N/A	EAP rec'd 7/31/14	EAP pending review
PERSO-039	Roxboro West Ash Pond South Rock Filter					NOD 6/26/14; Initial Response rec'd 7/2/14; Pipe evaluation report rec'd 7/25/14; NOD followup (plan required) sent 8/11/14	EAP rec'd 7/31/14; Plan due date 10/13/14	EAP pending review
PERSO-033	Roxboro East Ash Pond					N/A	N/A	N/A
Weatherspoon Power Station								
ROBES-009	Weatherspoon 1979 Ash Pond					NOD 6/17/14; Initial Response rec'd 6/27/14; Pipe evaluation report rec'd 7/31/14; NOD followup (plan required) sent 8/8/14	Repair plans rec'd 5/13/14; EAP rec'd 7/31/14; Repair as-builts rec'd 9/5/14; Plan due date 10/13/14	Repair plans approved 6/27/14; EAP pending review; Repair as-builts pending review
H.F. Lee Power Station								
WAYNE-022	H.F. Lee Active Ash Pond					NOI 6/26/14; Initial Response rec'd 7/2/14; Pipe evaluation report rec'd 7/31/14; NOD 8/6/14	EAP rec'd 7/31/14; Plan due date 10/13/14	EAP pending review

DENR/DEMLR Quarterly Report on Coal Ash Management Activities due to the ERC June - August 2014									
No	Plant Name	Stormwater List of Letters Sent/Received (with Date)	List of Stormwater Applications Received/Pending	Stormwater Application Status	Stormwater List of Inspections, (Date and General Findings)	Dam Safety List of Letters Sent/Received (with Date)	List of Dam Safety Applications Received/Pending	Dam Safety Application Status	Dam Safety List of Inspections, (Date and General Findings)
1	Allen Steam Station								
2	Belews Creek Steam Station	Addition Information Request sent - Aug 26, 2014	Application Received - August 1, 2014	In Review, Waiting for Add Info	Site Visit - July 30 , 2014 - gathered information in support of future permit application review and give input on question for application submittal.				
3	Buck Steam Station								
4	Cliffside Steam Station	- Addition Information Request sent - Aug 26, 2014 - - Stormwater Data Submittal Received - Aug 28, 2014 - not responsive to all add-inf	Application Received - August 4, 2014	In Review, Waiting for Add Info					
5	Dan River Steam Station	Addition Information Request sent - Aug 26, 2014	Application Received - August 1, 2014	In Review, Waiting for Add Info	Site Visit - July 3 , 2014 - gathered information in support of future permit application review and give input on question for application submittal.				
6	Marshall Steam Station								
7	Riverbend Steam Station	- Acknowledgement Letter - June 6, 2014 - Additonal information letter sent - June 26, 2014 - Additional Info received - July 15, 2014 - Second Add Info Letter Sent - Julu 30, 2014 - Additional Info received - August 19, 2014	Revised Application Received - May 16, 2014	Pre-draft to Dept and EPA.	Site Visit - June 20 , 2014 - gathered information in support of permit application review.				
8	Asheville Power Station	Addition Information Request sent - Aug 26, 2014	Application Received - July 31, 2014	In Review, Waiting for Add Info	Site Visit - August 27 , 2014 - gathered information in support of permit application review.				
9	Cape Fear Power Station	Addition Information Request sent - Aug 26, 2014	Application Received - July 31, 2014	In Review, Waiting for Add Info					
10	Sutton Power Station								
11	Mayo Power Station								
12	Roxboro Power Station								
13	Weatherspoon Power Station								
14	H.F. Lee Power Station								