



# **MEMORANDUM**

TO: ENVIRONMENTAL REVIEW COMMISSION

The Honorable Jimmy Dixon, Co-Chairman The Honorable Chuck McGrady, Co-Chairman The Honorable Trudy Wade, Co-Chairman

FROM: Mollie Young, Director of Legislative Affairs, NCDEQ

SUBJECT: Coal Ash Quarterly Report

Pursuant to S.L. 2016-94, section 1, "The Department shall submit quarterly written reports to the Environmental Review Commission on its operations, activities, programs, and progress with respect to its obligations under this Part concerning all coal combustion residuals surface impoundments."

If you have any questions or need additional information, please contact me by phone at (919) 339-9433 or via e-mail at mollie.young@ncdenr.gov.

Cc: Don Van der Vaart, Secretary, NCDEQ

Tom Reeder, Assistant Secretary for Environment, NCDEQ

Lanier McRee, Fiscal Research Division, NCGA

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

**December 30, 2016** 

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

# Introduction

This report is intended to provide an update on activities that have occurred since October 1, 2016. For organizational purposes, the information contained within is divided into the following sections:

- 1. Coal Ash Tonnage in North Carolina
- 2. Activities Related to Groundwater
- 3. Activities Related to Surface Water Discharge and Ash Pond Closure
- 4. Dan River Sampling
- 5. Division of Waste Management

Further information related to Duke Energy's groundwater assessment plans approval, drinking water surveys, water quality permit modifications and renewals, and other related issues can be found on the N.C. Department of Environmental Quality (DEQ) website: <a href="http://deq.nc.gov/news/hot-topics/coal-ash-nc">http://deq.nc.gov/news/hot-topics/coal-ash-nc</a>. The website is regularly updated and includes a great deal of data and information on coal ash regulation and permitting, groundwater, surface water, beneficial reuse, as well as information concerning the Dan River coal ash spill.

# 1. Coal Ash Tonnage in North Carolina

Duke Energy's website provides an inventory of the amounts of coal ash stored at each of their 14 facilities. The website is <a href="https://www.duke-energy.com/our-company/about-us/power-plants/ash-management">https://www.duke-energy.com/our-company/about-us/power-plants/ash-management</a>. The following summarizes Duke Energy's "ash metrics" as of September 22, 2016:

Total Ash Inventory in Basins:	115,550,000 tons
Total Ash Inventory in Landfills:	24,560,000 tons
Total Ash Inventory in Fills:	21,690,000 tons
Total Weight of Ash at all 14 Facilities:	158,962,000 tons

# 2. Activities Related to Groundwater

Much of the documentation discussed in the following sections can be found on the DEQ website under http://edocs.deq.nc.gov/WaterResources/Browse.aspx?startid=221202&dbid=0.

# **Alternate Permanent Water Supply**

According to 130A-309.211(c1), no later than October 15, 2018, the owner of a coal combustion residuals surface impoundment shall establish permanent replacement water supplies for each household that has a drinking water supply well located within a ½ mile radius of the facilities compliance boundary and meets the requirements listed in the statute. More than 900 letters were issued by DEQ to eligible well owners to ensure they were aware of the new requirements.

This same statute requires that Duke Energy submit information on permanent replacement water supplies proposed for each resident no later than December 15, 2016. Duke Energy submitted their Permanent Water Supply Plan proposal for all 14 facilities by December 14, 2016. The proposed plan includes attaching residents to their public water supply system where possible or providing water filtration systems. DEQ has until January 15, 2017 to approve/disapprove the plan.

# **Comprehensive Site Assessments**

Duke Energy has submitted comprehensive site assessment reports for all 14 facilities. Supplemental reports were received starting July 7, 2016 through September 2016.

In July 2016, DEQ requested additional assessments at the James E. Rogers Energy Complex (formerly called Cliffside), Roxboro Steam Electric Plant, and W. H. Weatherspoon Power Plant. Duke Energy provided assessment plans and DEQ approved them with additional conditions.

### **Corrective Action Plans**

The corrective action plans for all 14 facilities were submitted in two parts. In accordance with Coal Ash Management Act requirements, Part 1 must be submitted 90 days after submittal of the comprehensive site assessment report. Part 2 must be submitted 90 days after submittal of Part 1.

Part 1 of the corrective action plan reports includes:

- background information
- a brief summary of the comprehensive site assessment findings
- a brief description of the site geology and hydrogeology
- a summary of the previous completed receptor survey
- a description of 15A NCAC 02L and 15A NCAC 02B standards exceedances
- proposed site-specific groundwater background concentrations
- a detailed description of the site conceptual model
- groundwater flow and transport modeling

Part 2 of the corrective action plans includes:

- a risk assessment
- alternative methods for achieving restoration
- conceptual plans for recommended corrective actions
- an implementation schedule
- a plan for future monitoring and reporting

As of the date of this report, Duke Energy has submitted Part 1 and Part 2 sections of the corrective action plan reports for its 14 facilities.

#### **Accelerated Remediation Plans**

Duke Energy has submitted accelerated remediation plans for potential offsite impacts at the Asheville Steam Electric Plant, Belews Creek Steam Station, H. F. Lee Energy Complex and L. V. Sutton Energy Complex. In April 2016, Duke Energy supplied revised accelerated remediation plans titled "Interim Action Plans" to the N.C. Department of Environmental Quality. Department staff have reviewed the plans, and an approval letter, which stipulated certain conditions, was sent to Duke Energy on July 22, 2016.

Duke Energy submitted Basis of Design Reports for Asheville Steam Electric Plant, H. F. Lee Energy Complex and L. V. Sutton Energy Complex. Staff are currently reviewing the reports and will provide comments prior to the year's end. The Basis of Design Report for the Belews Creek Steam Station is due in early January 2017.

### **Prioritization of Facilities**

On July 14, 2016, Session Law 2016-95, Section 3(a) revised the Coal Ash Management Act of 2014. Asheville Steam Electric Plant, Dan River Combined Cycle Station, Riverbend Steam Station, and L. V. Sutton Energy Complex remained designated as <u>high-risk</u>.

The legislation designated three coal ash impoundments as intermediate-risk: H.F. Lee Steam Station, Cape Fear Steam Station, and Weatherspoon Steam Station. In accordance with Section 3(b) of the law, these three sites are required to close no later than Aug. 1, 2028.

According to 130A-309.213(d), the N.C. Department of Environmental Quality must issue a final classification for the remaining impoundments no later than Oct. 15, 2018. For low-risk classification, the impoundment owner must provide permanent water supplies to each household that has the following:

- a drinking water supply well located within a half mile radius from the established compliance boundary of a coal combustion residuals impoundment, and
  - o is not separated from the impoundment by the mainstem of a river or
  - o any other body of water that would prevent migration of contaminants through groundwater.
- a drinking water supply well that is expected to be impacted by constituents related to coal combustion residuals as demonstrated by modeling or site investigations.

Additionally, the impoundment owner must rectify the deficiencies of any dam safety order issued by the N.C. Environmental Management Commission as detailed in 130A-309.213(d)(1)b.

# **Closure Plans**

Per CAMA requirements, Duke Energy will submit closure plans to DEQ for the four high-priority facilities (Asheville Steam Electric Plant, Dan River Combined Cycle Station, Riverbend Steam Station, and L. V. Sutton Energy Complex) by December 31, 2016.

# **Hurricane Matthew**

In October 2016, Hurricane Matthew impacted eastern North Carolina with heavy rainfall, wind damage and flooding. The H. F. Lee Energy Complex sustained impacts to the cooling pond, a portion of the active ash ponds, and inundation of some of the inactive ash ponds. The Washington Regional Office immediately requested and received a Plan of Action from Duke Energy. A final Plan of Action and a Sampling Plan were approved and are currently being implemented.

Hurricane Matthew also impacted the W. H. Weatherspoon Power Plant. The Fayetteville Regional Office requested and received a Plan of Action from Duke Energy to address potential impacts to the cooling pond. The Plan of Action was approved and is currently being implemented.

The Department had many subsequent meetings with Duke Energy to receive updates as to the status of the storm damages and response actions.

### **Other Groundwater-Related Activities**

DEQ provided Duke Energy with closure guidelines for surface impoundments. The guidelines outlined how to determine when excavation of coal combustion residuals (CCR) has been completed and the tests required to evaluate any remaining CCR materials.

On October 25, 2016 and November 30, 2016, Division of Water Resources staff met with Duke Energy staff to discuss global and site-specific comments related to the Supplemental Comprehensive Assessment Reports and Corrective Action Plans. Staff also discussed provisional background concentration methodology. Duke Energy submitted a technical guidance on provisional background concentration methodology. DEQ reviewed the guidance and provided comments.

In October 2016, DEQ began receiving monthly groundwater, soil, and other media data submittals from Duke Energy. This information will be useful to staff in order to help evaluate site conditions, proposed corrective actions and proposed provisional background concentrations.

# 3. Activities Related to Surface Water Discharge and Ash Pond Closure

# **Modification of Existing National Pollutant Discharge Eliminations System Permits**

The public hearing for the Mayo Steam Electric Generating Plant and Roxboro Steam Electric Generating Station wastewater permits was held October 4, 2016. The public hearing for the Rogers Energy Complex was held November 10, 2016. The public hearing for the Belews Creek Steam Station was held November 15, 2016. The public hearing for the Cape Fear Plant was held November 28, 2016. The public hearing for the Weatherspoon Plant was held December 8, 2016. The public hearing for the H. F. Lee plant was held December 15, 2016.

The permit for Marshall Steam Station was issued on September 9, 2016, and the permit for the Dan River Steam Station was issued on October 27, 2016.

# 4. Dan River Sampling

Reports and data from monitoring efforts are available on the state Division of Water Resources' website at: <a href="http://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page">http://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page</a>.

# **5. N.C. Division of Waste Management - Coal Combustion Residual (coal ash) Industrial Landfills and Coal Combustion Product (CCP) Structural Fills**

# Duke Energy Facilities with Landfills

The North Carolina Division of Waste Management's Solid Waste Section (Section) regulates industrial coal combustion residual landfills in accordance with 15A N.C.A.C. 13B .0503, .0504 and .0505. The Section oversees 13 industrial coal ash landfills, nine (9) with a permit to operate (PTO), and two (2) with a permit to construct (PTC) and two (2) which are closed. The following

list includes information about the 12 landfills on-site at Duke Energy plants and the landfill owned by Halifax County which provides disposal of coal ash from the Roanoke Valley Energy Plant:

- Duke Energy Carolinas' Allen Steam Station Gaston County
  - o Active coal-fired plant
  - o Most recent landfill inspection occurred June 10, 2016.
  - o 3612-INDUS-2008: Retired Ash Basin Landfill (open, double-lined, landfill constructed on top of retired ash basin), Cell 2B currently receiving coal ash
- Duke Energy Carolinas' Belews Creek Steam Station Stokes County
  - o Active coal-fired plant
  - o Most recent landfill inspection occurred February 24, 2016 for the three onsite landfills
  - o 8503-INDUS-1984: Pine Hall Road Landfill (closed, unlined)
  - o 8504-INDUS: Craig Road Landfill (open, lined)
    - Currently receiving coal ash from the plant
    - Phase 2 (Approximately 35 acres) Permit to Construct (PTC) issued May 18, 2012.
    - Phase 2 Permit to Operate (PTO) issued Jan. 16, 2014
  - o 8505-INDUS: Flue Gas Desulfurization (FGD) Landfill (open, lined)
    - The facility has been mining gypsum from landfill to meet wallboard production needs, thus increasing landfill capacity, since June 2015
- Duke Energy Carolinas' Rodgers Energy Complex Rutherford County
  - o Active coal-fired plant
  - o Most recent landfill inspection occurred June 21, 2016
  - o 8106-INDUS-2009: Landfill (open, lined)
    - Currently receiving coal ash from the plant and the inactive ash basin units 1-4
    - Deliveries of coal ash from the impoundments at the Asheville Plant ceased in September 2016
    - PTO issued for the continued operation of Phase I and commencement of operations in Phase II in June 2016
- Duke Energy Carolinas' Dan River Steam Station Rockingham County
  - o Retired coal-fired plant
  - o Converted to combined cycle turbine
  - Coal Ash Management Act of 2014 (CAMA) requires that all ash be moved to lined facility by 2019
  - o The plant is transporting approximately 19,500 tons per week to the Waste Management landfill in Jetersville, VA
  - o Coal ash continues to be moved by truck to Roanoke Cement in Troutville, VA for concrete production
  - o 7906-INDUS-2016 PTC issued for on-site landfill October 2016, construction is currently underway
- Duke Energy Progress' Mayo Steam Electric Plant Person County
  - o Active coal-fired plant.
  - o Most recent landfill inspection occurred August 24, 2016
  - o 7305-INDUS-2012: Landfill (open, double lined). Currently receiving coal ash from plant
- Duke Energy Carolinas' Marshall Steam Station Catawba County
  - o Active coal-fired plant
  - o Most recent landfill inspection occurred June 30, 2016 for the three onsite landfills

- o 1804-INDUS-1983: Dry Ash Landfill (closed, unlined)
- o 1809-INDUS: FGD Landfill (open/inactive, lined)
  - Stopped receiving waste on Oct. 16, 2015
  - Landfill closed with 12-inch final cover and established vegetation
  - Renewal of PTO issued December 20, 2016
- o 1812-INDUS-2008: Industrial Landfill #1 (open, double lined)
  - Currently receiving waste from plant
  - Public hearing for draft PTC for Cells 3 and 4 January 28, 2016
  - PTC issued for Cells 3 and 4 in March 2016, construction scheduled to commence in the first quarter of 2017
  - Future cells may be constructed over retired ash basin
- Duke Energy Progress' Roxboro Steam Electric Plant Person County
  - o Active coal-fired plant
  - o Most recent landfill inspection occurred August 24, 2016.
  - o 7302-INDUS-1988: Landfill (open, lined, constructed partially on top of retired ash basin)
    - Currently receiving coal ash from plant
    - Vertical expansion of Phase 6 PTO issued December 20, 2016
- Duke Energy Progress' Sutton Steam Electric Plant New Hanover County
  - o Retired coal-fired plant
  - o Converted to combined cycle turbine
  - o CAMA requires that all ash be moved to lined facility by 2019
  - o Ash being transported via rail to the Brickhaven Structural Fill
  - o 6512-INDUS-2016 PTC issued for on-site landfill in September 2016; construction currently underway

# Landfill off-site of Power Industry

- Westmoreland Partners, Roanoke Valley Energy Plant Halifax County
  - o Inactive coal-fired plant
  - o Most recent landfill inspection occurred December 1, 2016
  - o 4204-INDUS-1994: Halifax County Coal Ash Landfill (open/inactive, lined)

# Duke Facilities Without Landfills - Land disposal/reuse of ash

- Duke Energy Progress' Asheville Steam Electric Plant Buncombe County
  - o Active coal-fired plant
  - Duke Energy submitted plans, to convert to combined cycle turbine, to the N.C. Utilities Commission for approval in 2015
  - o The Asheville Airport Structural Fill is complete and ash deliveries have halted.
  - o CAMA requires all ash be moved to lined facility by 2019
  - o Duke Energy has indicated no plans for an on-site landfill
  - o Updated ash transportation plans received by Section in December 2015
  - The plant continues to transport ash by truck to Waste Management's Homer GA landfill.
  - o The plant halted all truck shipments of ash to the Rodgers Steam Plant in September 2016.
  - O The removal of ash from the 1982 Basin was completed in September 2016, the 1982-Basin is empty.

- Duke Energy Carolinas' Buck Steam Station Rowan County
  - o Retired coal-fired plant
  - o Converted to combined cycle turbine
  - o No closure plan established
  - o CAMA risk classification for the ash basins is intermediate
  - o The plant has been designated for installation and operation of an ash recovery system.
- Duke Energy Progress' Cape Fear Steam Electric Plant Chatham County
  - o Retired coal-fired plant
  - o No electricity production (plant to be demolished)
  - o Coal ash will be transferred to the Brickhaven Structural Fill (1910-STRUC-2015)
- Duke Energy Progress' H.F. Lee Steam Electric Plant Wayne County
  - o Retired coal-fired plant
  - o Converted to combined cycle turbine
  - o No closure plan established
  - o CAMA risk classification for the ash basins in intermediate
- Duke Energy Carolinas' Riverbend Steam Station Gaston County
  - o Retired coal-fired facility, plant has been demolished.
  - o CAMA requires all ash be moved to lined facility by 2019
  - o Coal ash being currently transferred from the dry stacks and basin via rail to Brickhaven Structural Fill.
- Duke Energy Progress' Weatherspoon Steam Electric Plant Robeson County
  - o Retired coal-fired plant
  - o No electricity production (plant to be demolished)
  - O Ash basins will be clean closed and coal ash transferred to the Brickhaven Structural Fill

# Environmental Groundwater Assessments and Corrective Actions at Landfills

Landfills undergo routine monitoring on a semi-annual basis to make sure groundwater contamination does not exceed the 15A N.C.A.C. 2L standards at the compliance boundary, which is a maximum of 250 feet from the edge of the waste. If groundwater contamination is found to exceed the 15A N.C.A.C. 2L standards at or beyond the compliance boundary, the facility must undergo an environmental assessment.

- Six landfills with the following permits underwent environmental assessments: Permit 1804, 1809, 7305, 8503, 8504, and 8505
- Five landfills (Permit 1804, 1809, 7305, 8503 and 8504) have completed their environmental assessments
- Four landfills (Permit 1804, 1809, 8503 and 8504) reported that the landfill was not the cause of the 15A N.C.A.C. 2L groundwater exceedances. Reports were found to be acceptable by the state Division of Waste Management that the exceedances were a result of background levels of the contaminants or a result of sampling problems that were corrected in subsequent sampling events
- One landfill (Permit 8505) is undergoing environmental assessment
- No landfills are undergoing corrective action

# Groundwater Assessment History

- Nov. 9, 2011 Section issued letter requesting groundwater assessment for Permit 1804, 1809, 8503, 8504 and 8505
- Feb. 9, 2012 Duke submitted Groundwater Assessment work plans

- Feb. 20, 2012 Section approved work plan for Permit Number 1809
- March 23, 2012 Section approved work plans for Permit 1804, 8503, 8504 and 8505
- July 12, 2012 Duke submitted Groundwater Assessment Report for Permit 1809
- Oct. 1, 2012 Duke submitted Groundwater Assessment Report for Permit 8503
- Oct. 5, 2012 Duke submitted Groundwater Assessment Report for Permit 8505
- Dec. 21, 2012 Duke submitted Groundwater Assessment Reports for Permit 1804 and 8504
- June 4, 2014 Duke submitted Supplemental Groundwater Assessment Report for Permit 8505
- May 2, 2016 Section approved Groundwater Assessment Reports for Permit 1804, 1809, 8503 and 8504, no further action required by Duke
- June 29, 2016 Section issued letter requesting groundwater assessment for Permit 7305
- September 28, 2016 Duke submitted Groundwater Assessment Report for Permit 7305

## Structural Fills

- 1910-STRUC-2015, Brickhaven No. 2, Mine Track "A" Structural Fill Chatham County
  - Beneficial reuse mine reclamation
  - Owned/operated by Charah, Inc.
  - 145 acres, 12.5 million tons of ash, Approximately 8 years to complete
  - Permit application allows that ash may be received from any Duke Energy facility
  - Duke Energy has indicated that ash is anticipated to be transported from the Duke Energy's Sutton and Riverbend plants
  - PTC/PTO issued June 5, 2015, Placement of ash initiated October 2015 by truck
  - All ash received by rail as of March 2016
  - Most recent solid waste inspection occurred October 11, 2016.
- Colon Mine Site Structural Fill Lee County
  - 5306-STRUC-2015
  - Beneficial reuse mine reclamation
  - Owned/operated by Charah, Inc.
  - 118 acres, 8.87 million tons of ash, Approximately 5 years to complete
  - Permit application allows that ash may be received from any Duke facility
  - PTC issued June 5, 2015 in accordance with CAMA, Construction has not started as of December 2016
- Asheville Airport Structural Fill Area 2 Buncombe County
  - Area 2 structural fill at the Asheville Airport is on hold
  - Areas 1, 3 and 4 were constructed and completed under the authority of the Division of Water Resources.

An inventory of the structural fills as required by the Session Law can be found at: <a href="http://deq.nc.gov/about/divisions/waste-management/solid-waste-section/coal-combustion-byproducts">http://deq.nc.gov/about/divisions/waste-management/solid-waste-section/coal-combustion-byproducts</a> .

# Environmental Groundwater Assessment and Corrective Action at Structural Fills

- Roxboro Steam Station Gypsum Storage Pad (CCB0003)
  - Duke submitted Groundwater Assessment Work Plan November 20, 2016

- Section approved December 6, 2016
- Belews Creek Steam Station Structural Fill (CCB0070)
  - Duke submitted Groundwater Assessment Work Plan November 7, 2016
  - Section approved December 7, 2016
- Swift Creek in Nash County (CCB0057)
  - Groundwater assessment complete
  - Corrective Action to be performed in 2017
- Authur's Creek/Henry Long Property in Northampton County (CCB0064)
  - Groundwater assessment ongoing in conjunction with Division of Water Resources

		Central Office Stormwater	DENR/DEMLR Quarterly Report o	n Coal Ash Managemer	nt Activities due to the ERC	
			Ju	June 2014 -December 2016		
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)	
1	Allen Steam Station	- Letters and emails from Duke Energy describing new outfalls and requesting coverage under NPDES SW permit - August 2015 - Contingency Pumping Letter to DWR and DEMLR to address riser repairs - January 2016. Issues handled through DWR February 11, 2016 email - two stormwater outfalls that comingle with wastewater outfalls August 19, 2016 email on discovery of stormwater outfall. No industiral activity and will be used as wastewater outfall in the future - no coverage needed in stormwater permit.	- Application Received - October 1, 2014 - Amended App - October 24, 2014 - Second Amendment - Nov 19, 2014 - Monitoring Data - December 18, 2014	- Draft permit to public notice March 5, 2015 Public Hearing Scheduled for April 8, 2015 - Public Hearing Held April 8, 2015. Only Comment on stormwater permit was from Duke Energy - Permit Issued May 15, 2015 - Minor Modification to add outfalls - August 2015 - Minor Mod (outfall/monitoring) Issued June 20, 2016	Site Visit - March 24, 2015 - verify information from application submittal and help finalize permit requirements	

		Central Office Stormwater	DENR/DEMLR Quarterly Report on Coal Ash Management Activities due to the ERC		
			Ju	ne 2014 -December 20	16
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)
2	Belews Creek Steam Station	- Additional Information requested	Application Received - August 1,	- Draft Permit Reviewed by EPA - Draft Ready for Public Notice. Combine with Wastewater permit	Site Visit - July 30 , 2014 - gathered information in support of future permit application review and give input on question for application submittalPublic Hearing for Stormwater Permit on November 15, 2016.

		Central Office Stormwater	DENR/DEMLR Quarterly Report o	n Coal Ash Managemer	nt Activities due to the ERC
			Ju	ne 2014 -December 20	16
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)
9	Buck Steam Station	- Letter requesting information on permit coverage needed for railroad cut - February 3, 2015 Additional information on railroad cut - February 25, 2015 (email) - Railroad Cut Construction Approved (email) - April 2, 2015 - Email November 2015 to Duke requesting clarifications from site visit Emailed information from responded to add info from site visit - January 11, 2016 DEMLR response to add-info January 13, 2016. Remaining issue is possible ww flow to combined cycle stormwater pond Further response from Duke Feb 2016 Email request for additional Info - April 7, 2016 - April 18 - Email reponse from Duke June 17, 2016 letter for approval of short-term action for installation of wastewater lines July 8, 2016 - DEMLR response letter on Buck railroad cut August 2016 email documentation of route of flow from containment area for ammonia tank. Not to wastewater as noted in application. Monitoring added to SW permit draft	- Application Received - October 07, 2014 - Monitoring Data - December 18, 2014	- In Process for Review - Waiting for Dept. input on railroad cut coverage Construction activity for railroad cut approved in house drafts for steam station and combined cycle facilities. Waiting for wastewater flows to be addressed before sending to EPA for comment Drafts to EPA end of June 2016 - Draft Permit Reviewed by EPA - Draft Ready for Public Notice. Combine with Wastewater permit notice	- Site Visit - November 4, 2015 gathering information in support of permit application review and permit drafting.

		Central Office Stormwater	DENR/DEMLR Quarterly Report o	n Coal Ash Managemer	nt Activities due to the ERC
			Ju	ne 2014 -December 20	16
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)
	· Cliffside Steam Station	- Addition Information Request sent - Aug 26, 2014 Stormwater Data Submittal Received - Aug 28, 2014 - not responsive to all add-inf; - Received Sept. 19, 2014 - Duke request for approval for ash movement. Wait for NCS permit issuance.	- Application Received - August 4, 2014;	- Internal Draft Permit - Draft to EPA for review - June 4th - Response From EPA July 23 Public Notice August 2nd - Public Hearing September 10th. No attendees outside DEMLR except four Duke Energy Employees. Only comment letter from Duke Energy Permit to Issue by end of September 2015 - Permit Issued Oct. 1, 2015	Site Visit - June 24, 2015 - gathered information in support of permit application review.

		Central Office Stormwater	DENR/DEMLR Quarterly Report of	n Coal Ash Managemer	nt Activities due to the ERC	
			Ju	June 2014 -December 2016		
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)	
5	Dan River Steam Station	I- March 22 2016 - Duke Letter	- Application Received - August 1, 2014 Application Amendment - Dec. 17, 2014	September 8th 2015. No attendees outside	Site Visit - July 3 , 2014 - gathered information in support of future permit application review and give input on question for application submittal.	

		Central Office Stormwater	DENR/DEMLR Quarterly Report of	n Coal Ash Managemer	nt Activities due to the ERC
			Ju	ne 2014 -December 20	16
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)
6	Marshall Steam Station	- November 11 & 18, 2015 - emails from Duke and letter to move roof stormwater outfalls to wastewater sump discharge. Not approved since wastewater permit did not include these sources Email confirming SWPPP updates - April 14, 2014	<ul> <li>- Application Received - October</li> <li>15, 2014</li> <li>- Monitoring Data - October 23,</li> <li>2014</li> <li>- Monitoring Data - Dec. 17, 2014</li> </ul>	- Draft permit to public notice March 5, 2015 Public Hearing Scheduled for April 8, 2015 - Public Hearing Held April 8, 2015. Only Comment on stormwater permit was from Duke Energy - Permit Issued May 15, 2015	Site Visit - March 24, 2015 - verify information from application submittal and help finalize permit requirements

		Central Office Stormwater	DENR/DEMLR Quarterly Report on Coal Ash Management Activities due to the ERC  June 2014 -December 2016		
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)
7	Riverbend Steam Station	19, 2014; - Add Info Requested (Outfall 001) - Sept 15 2014 & Oct 30, 2014 - Add info Received - Dec 4, 2014 & Dec 8 2014	- Data/Info on Outfall 001 - Dec. 4, 2014 & Dec 8, 2014 - Application Amendment - December 18, 2014 - June 6, 2016 request to add	- Draft permit to public notice March 5, 2015 Public Hearing Scheduled for April 8, 2015 - Public Hearing Held April 8, 2015. Only Comment on stormwater permit was from Duke Energy - Permit Issued May 15, 2015 - Modification issued June 20, 2016	Site Visit - June 20 , 2014 - gathered information in support of permit application review.

		Central Office Stormwater	DENR/DEMLR Quarterly Report o		
			Ju	ne 2014 -December 20	16
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)
8	Asheville Power Station	Addition Information Request sent - Aug 26, 2014; - Add Info (email) - Sept. 3, 2014 - Add Inf Received - Sept 18, 2014	- Application Received - July 31, 2014 - Monitoring Data - October 30, 2014 - Amended application and map October 6, 2015.	- In Review; - Draft to EPA for Review - Response From EPA July 23, 2015 Plan for public notice in December for Jan. 2016 public hearing Public hearing scheduled for January 21, 2016, rescheduled due to weather Public Hearing held February 24, 2016 Permit Issued May 24, 2016 - Minor mod (tech changes) Issued June 16, 2016	Site Visit - August 27, 2014 - gathered information in suppor of permit application review.

		Central Office Stormwater	DENR/DEMLR Quarterly Report on Coal Ash Management Activities due to the ERC		
			Ju	ne 2014 -December 20	16
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)
9	Cape Fear Power Station	I- Fmail on Site Visit - Nov 13, 2014.		- Draft permit to EPA for Review October	Site Visit - November 12 , 2014 - gathered information in support of permit application review.

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			Ju	ne 2014 -December 20	16
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)
10	Sutton Power Station	wastewater permit Emails from Duke October 12 & 14, 2015 that proposed landfill is	- Scoping meeting with various agencies including DEMLR WiRO on proposed landfill at Sutton. May need State stormwater permit approval. September 25, 2015	- Duke has Challenged Ruling on Waters of the State for Sutton Lake. Will Impact Determination on Need for a Stormwater Permit Reviewing Feb. 23rd letter on permit applicability Stormwater included in wastewater permit - discharge to effluent channel Permit to Notice in July 2015 Public Hearing - August 6th 2015 Wastewater Permit including Stormwater issued December 1, 2015.	Site Visit - March 19, 2015 - Gather information on needs for permit coverage for various stormwater outfalls.

		Central Office Stormwater	DENR/DEMLR Quarterly Report on Coal Ash Management Activities due to the ERC		
			Ju	ne 2014 -December 20	16
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)
11	Mayo Power Station		<ul><li>- Application Received October</li><li>16, 2014.</li><li>- Data submittal January 20, 2015</li></ul>	- Permit drafted and reviewed by EPA. - Permit at notice - Hearing Oct 4, 2016.	- Site visit Sept 8, 2016.
12	Roxboro Power Station		- Application Received - December 15, 2014	<ul><li>Permit drafted and reviewed by EPA.</li><li>Permit at notice -</li></ul>	- Site visit Sept 8, 2016.

		Central Office Stormwater	DENR/DEMLR Quarterly Report o		
			Ju	ne 2014 -December 20	16
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)
13	Weatherspoon Power Station	- Number of discussions about future application submittal due to future movement of coal ash at facility (July - Sept 2015) - Letter to Duke returning incorrect application fee - March 31, 2016. Waiting for correct check for complete application Email to verify return check received by Duke Received	Wastewater application amendment - included notice that previous stormwater coverage for haul roads, but ash hauling stopped and coverage removed. Are maintaining this status and will apply if there are industrial stormwater discharges in the future October 10, 2014 - Application received March 11, 2016. Application fee was incorrect. Waiting for response to letter Updated application and fee received August 22, 2016 September 2016 - email correspondence to clarify monitoring info submitted	- Permit drafted and to EPA for review (Sept 19) - Permit to notice in September - Public Hearing for Stormwater/Waste Water Permit	- Regional staff site visit September 6, 2016.

		Central Office Stormwater	DENR/DEMLR Quarterly Report o	n Coal Ash Managemer	nt Activities due to the ERC
			Ju	ne 2014 -December 20	16
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)
14	H.F. Lee Power Station	- October 16, 2014 - Number of discussions about future application submittal due to future movement of coal ash at facility (July - Sept 2015)	- Information/Application received February 2, 2016. Information indicates no point sources discharges of industrial stormwater needing permit coverage. Notes that future movement of material on haul roads may lead to need for permit coverage.	12/15/2016 Held Public Hearing in Wayne County for Stormwater/Waste Water Permit	

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DENR/DEMLR Quarterly Report on Coal Ash Management Activities due to the ERC											
June 2014 -December 2016											
Plant Name											
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State Dam ID	Dam Name										
		Stormwa	List of								
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		Letters	er								
		Sent/Rec	Applicatio		Stormwater List of				David Cafe to Ulation		
		eived (with	ns Received/	Stormwater	Inspections, (Date and General	Dam Safety List of Letters			Dam Safety List of Inspections Performed by		
		Date)	Pending	Application Status	Findings)	Sent/Received (with Date)	List of Dam Safety Applications Received/Pending	Dam Safety Application Status	Central Office		
Allen Steam Station	1				-						
							EAP rec'd 7/31/14; RevReq sent 10/30/14 RevReq				
							sent 10/30/14 NOD response rec'd 9/26/14; Scopes				
							1&3 COAR issued 12/5/14; Scopes 2&4 rec'd on				
							11/6/14; Scopes 2&4 COAR issued on 4/1/15; Scope				
							1 Addendum 1 rec'd 8/12/15; Scope 3 as-builts rec'd 7/27/15; Scope 5 COAR issued 10/21/15. Scope 1				
							Addendum 2 submitted 3/2/2016. Scope 4 COAR				
							extension issued 3/8/16. Scope 1 addendum 2				
							RevReq sent 04/14/16. RevReq response rec'd	EAP rec'd 7/31/14; RevReq sent 10/30/14;			
							04/21/2016. Scope 1 add 2 RevReq 2 sent 05/12/2016. Scope 1 Add 2 RevReq repsonse rec'd	Scopes 1&3 COAR issued 12/5/14; Scopes 2&4 COAR issued on 4/1/15; Scope 1			
						NOD 6/13/14; Initial	05/16/2016. Scope 1 Addendum2 COAR issued	Addendum 1 under review; Scope 5 COAR			
						Response rec'd 6/26/14;	05/16/2016. Scope 2 and Scope 3 COFA issued	issued 10/21/15. Scope 4 COAR extension			
								issued 3/8/16. Scope 1 Addendum 2 COAR			
						7/31/14; NOD followup (plan required) sent	addendum 2 as-builts rec'd 11/2/16. Scope 1 Addednum 2 COFA issued 11/16/16. Scope 5 as-	issued 05/16/2016. Scope 2 and Scope 3 COFA issued 6/17/2016. Scope 1	August through September - Inspected for Analysis of Risk		
GASTO-061	Allen Active Ash Basin Dam					8/11/14;	builts rec'd 9/26/16.	Addendum 2 COFA issued 11/16/2016.	per Statute		
						, , ,		, , ,			
							EAD world 7/21/14: Doubles cont 10/20/14 Doubles				
							EAP rec'd 7/31/14; RevReq sent 10/30/14 RevReq sent 10/30/14 NOD response rec'd 9/26/14; Scopes				
							1,2,&3 COAR issued 12/8/14; Scope 4 rec'd on				
							11/17/14; Scope 4 Rev Req sent 4/2/15; Scope 4 Rev				
							Req #2 sent 4/24/15; Scope 4 COAR issued 6/2/15;				
					1		Scope 1 Addendum 1 rec'd 8/12/15, Scope 5 COAR issued 10/22/15; Scope 4 as-builts rec'd 11/19/15.				
							Scope 5 COAR withdrawal rec'd 02/18/16 Scope 4	EAP rec'd 7/31/14; RevReq sent 10/30/14;			
					1		as-builts RevReq rec'd 02/18/16. Scope 1 Addendum	Scopes 1,2,&3 COAR issued 12/8/14; Scope			
					1		2 rec'd 03/2/2016. Scope 1 addendum 2 RevReq sent	4 Rev Req sent 4/2/15; Scope 4 Rev Req #2			
							04/14/16. RevReq rec'd 4/21/2016. RevReq 2 sent 5/11/2016. Scope 1 Add 2 RevReq response rec'd	sent 4/24/15; Scope 4 COAR issued 6/2/15; Scope 1 Addendum 1 under review, Scope			
						NOD 6/13/14; Initial	5/13/16. Scope 1 Addwndum 2 COAR issued	5 COAR issued 10/22/15. Scope 1			
						Response rec'd 6/26/14;	05/16/2016. Scope 5 Withdrawal Disapproval issued	Addendum 2 COAR issued 05/16/2016.			
							05/31/2016. Scope 4 COFA issued 06/10/2016. Scope	Scope 5 Withdrawal Disapproval issued			
						7/31/14; NOD followup (plan required) sent	3 As Built rec'd 9/16/2016. Scope 1 Addendum 2 asbuilts rec'd 11/9/16. Scope 1 Addednum 2 COFA	05/31/2016. Scope 4 COFA issued 6/10/2016. Scope 1 Addednum 2 COFA	August through September - Inspected for Analysis of Risk		
GASTO-016	Allen Retired Ash Basin Dam					(pian required) sent 8/11/14;	issued 11/16/16. Scope 5 as-builts rec'd 9/26/16.	issued 11/16/16.	per Statute		
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Belews Creek Steam Station											

STOKE-116 STOKE-118	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; RevReq sent 10/30/14 RevReq sent 10/30/14 NOI/NOD response rec'd 10/13/14; Scope 3 rec'd 10/1/14; Scope 2 rec'd 10/30/14; Scope 18:3 COAR issued 1/30/15; Scope 3 RevReq sent 1/27/15; Scope 3 COAR issued 2/13/15; Scope 4 rec'd 1/30/15; Scope 4 COAR issued 4/1/15; Spillway Variance issued 5/5/15; Scope 1 as-builts rec'd 11/20/15. Scope 2 & 4 final as-built rec'd 11/20/15. Scope 3 As Built rec'd 7/7/ 2016. Scope 5 rec'd 10/4/16. Scope 5 PWM (porposed work as maintenance) issued 11/16/16. Scope 1 rec'd 11/14/16. Scope 1 COAR issued 11/16/16.	EAP rec'd 7/31/14; RevReq sent 10/30/14; Scope 1&3 COAR issued 1/30/15; Scope 3 RevReq sent 1/27/15; Scope 3 COAR issued 2/13/15; Scope 4 COAR issued 4/1/15; Spillway Variance issued 5/5/15. Scope 5 PWM (porposed work as maintenance) issued 11/16/16. Scope 1 COAR issued 11/16/16.	August through September - Inspected for Analysis of Risk per Statute
Buck Steam Station					
	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; RevReq sent 10/30/14; RevReq sent 10/30/14 NOD/NOI response rec'd 9/26/14; Scope 1 COAR issued 1/6/15; Scope 2 RevReq sent 1/23/15; Scope 2 COAR issued 2/13/15; • • Submitted to DENR on Aug 18, 2015; Scope 1 Addendum 1 rec'd 8/18/15. Scope 1 Addendum 2 rec'd 02/26/16. Scope 1 Addendum 2 RevReq sent 05/12/2016. Scope 1 Addendum 2 RevReq response rec'd 05/19/2016. Scope 1 Addendum 2 COAR issued 05/25/2016. Scope 2 COFA issued 6/22/2016. Scope 1 Addendum 2 COAR issued 1Addendum 2 as-builts rec'd 10/18/16. Scope 1 Addendum 2 COFA issued 11/22/16.  EAP rec'd 7/31/14; RevReq sent 10/30/14 Plan rec'd	EAP rec'd 7/31/14; RevReq sent 10/30/14; EAP rec'd 1/29/15; EAP pending review; Scope 1 COAR issued 1/6/15; Scope 2 RevReq sent 1/23/15; Scope 2 COAR issued 2/13/15; Scope 1 Addendum 2 COAR issued 05/25/2016. Scope 2 COFA issued 6/22/2016. Scope 1 Addednum 2 COFA issued 11/22/16. EAP rec'd 7/31/14; RevReq sent 10/30/14;	August through September - Inspected for Analysis of Risk per Statute
	Buck Steam Station New (Additional		9/26/14; Revised Plan rec'd 1/27/15; Approval to proceed with plan issued 2/26/15. Scope 1 COFA	EAP rec'd 1/29/15; EAP pending review; Approval to proceed with plan issued	August through September - Inspected for Analysis of Risk
	Primary) Dam  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; RevReq sent 10/30/14 NOD/NOI response rec'd 9/26/14; Scope 1 COAR issued 12/10/14.	2/26/15. Scope 1 COFA issued 6/22/2016.  EAP rec'd 7/31/14; RevReq sent 10/30/14; EAP rec'd 1/29/15; EAP pending review; Scope 1 COAR issued 12/10/14	August through September - Inspected for Analysis of Risk per Statute
	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; RevReq sent 10/30/14 NOD/NOI response rec'd 10/13/14; Scope 1 COAR issued 12/22/14 -Downstream slope drainage improvements As-builts submitted to DENR on August 13, 2015; Scope 2 rec'd 9/17/15. Scope 2 withdrawal 12/10/15. Scope 2 acceptance of withdrawal issued 6/8/2016. Scope 3 rec'd 11/9/16. EAP rec'd 7/31/14; RevReq sent 10/30/14; EAP rec'd	EAP rec'd 7/31/14; RevReq sent 10/30/14; EAP rec'd 1/29/15; EAP pending review; Scope 1 COAR issued 12/22/14; Scope 2 acceptance of Withdrawal issued 6/8/2016.	August through September - Inspected for Analysis of Risk per Statute
			1/29/15; Scope 1 rec'd 9/17/15. Scope 1 withdrawal rec'd 12/10/15. Scope 1 acceptance of Withdrawal	EAP rec'd 7/31/14; RevReq sent 10/30/14; EAP rec'd 1/29/15. Scope 1 acceptance of	August through September - Inspected for Analysis of Risk
ROWAN-071	Buck Steam Station Divider Dam	N/A	issued 6/8/2016.	Withdrawal issued 6/8/2016.	per Statute
Cliffside Steam Station					

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RUTHE-070	Cliffside Inactive Ash Basin #5 Main		(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		EAP rec'd 7/31/14; RevReq sent 10/30/14; Scope 1 COAR issued 2/2/15; Scope 2 determined as maintenance 9/29/14; Scope 3 COAR issued 2/2/15; Scope 4 rec'd 2/23/15; Scope 4 COAR issued 3/18/15. Scope 1 Addendum 1 COAR issued 05/13/2016. Scope 4 COFA issued 6/10/2016. Scope 3 Addendum 1 COAR issued 8/8/16. Scope 3 Addednum 1 COFA issued 11/22/16.	August through September - Inspected for Analysis of Risk per Statute	
NOTHE-U/U	Dalli		(plair required) sent o/ 11/ 14	EAP rec'd 7/31/14; RevReq sent 10/30/14; Scope 1	Issueu 11/22/10.	per statute	
RUTHE-072	Cliffside Inactive Ash Basin #5 Saddle Dam			Scope 2 rec'd 10/2/15. Scope 2 withdrawal rec'd 04/04/16. Scope 2 Withdrawal Denial issued 05/18/2016. Scope 2 COAR issued 5/26/2016. Scope 1 COFA issued 6/10/16. Scope 2 as built rec'd 8/30/16.	EAP rec'd 7/31/14; RevReq sent 10/30/14; Scope 1 rec'd 2/23/15; Scope 1 COAR issued 3/18/15; Scope 2 withdrawal Denial letter issued 05/18/2016. Scope 2 COAR issued 5/26/2016. Scope 1 COFA issued 6/10/16.	August through September - Inspected for Analysis of Risk per Statute	
	Cliffside Active Ash Basin Upstream			EAP rec'd 7/31/14; RevReq sent 10/30/14; Scope 1 rec'd 11/16/15. Scope 1 COAR issued 5/11/16. Scope	EAP rec'd 7/31/14; RevReq sent 10/30/14;	August through September - Inspected for Analysis of Risk	
CLEVE-050	Dam		N/A	1 as built rec'd 7/7/16.	Scope 1 COAR issued 5/11/16.	per Statute	
CLEVE-049	Cliffside Active Ash Pond Downstream Dam		NOD 6/13/14; Initial Response rec'd 6/26/14;		EAP rec'd 7/31/14; RevReq sent 10/30/14; Scope 1 COAR issued 3/12/15; Scope 2 COAR issued 3/17/15; Scope 1 Addendum 2 COAR issued 05/25/2016. Scope 2 COFA issued 6/24/16. Scope 1 Addendum 2 COFA issued 12/5/16.	August through September - Inspected for Analysis of Risk per Statute	
CLEVE-047 Dan River Steam Station	Cliffside Inactive Ash Basin 1-4 Main Dam		(Previous NOD 3/5/14); NOD 6/13/14; Initial Response rec'd 6/26/14;	as-built rec'd 04/04/16. Scope 1, Scope 2 and Scope 4 COFA's issued 6/23/16. Scope 5 submittal rec'd	EAP rec'd 7/31/14; RevReq sent 10/30/14; Scope 2 COAR issued 1/26/15; Scope 1 COAR issued 3/17/15; Scope 4 COAR issued 9/9/15. Scope 1 Addendum 1 issued 2/29/16. Scope 1, Scope 2 and Scope 4 COFA's issued 6/23/16.	August through September - Inspected for Analysis of Risk per Statute	

ROCKI-237	Dan River Active Primary Ash Basin	N/A	EAP rec'd 7/31/14; RevReq sent 10/30/14; Scopes 1, 2, & 3 work was completed by using emergency dam safety order; Scope 4 COAR issued on 4/1/15; Scope 5 COAR issued 5/8/15; Scope 6 PWCM issued on 5/28/15; Scope 2 - Exploratory work COAR issued 6/2/15 - Plug of 54" SW pipe COFA issued July 9, 2015; Scope 7 rec'd 9/16/15; Scope 8 rec'd 10/2/15. Scope 5 as-built rec'd 01/27/16. Scope 7 withdrawal rec'd 02/26/16. Scope 9 rec'd 02/16/16. Scope 8 PWCM issued 5/16/16. Scope 7 as built rec'd 7/6/2016. Scope 2 Withdrawal request rec'd 7/4/16; Scope 2 Dissapproval Ittr issued 9/8/16. Scope 2 Addendum 1 rec'd 10/5/16. Scope 2 Addendum 1 rec'd 10/5/16. Scope 2 Addendum 1 COAR issued 11/9/16.	EAP rec'd 7/31/14; RevReq sent 10/30/14; Scopes 1, 2, & 3 work was completed by using emergency dam safety order; Scope 4 COAR issued on 4/1/15; Scope 5 COAR issued 5/8/15; Scope 6 PWCM issued on 5/28/15, Scope 2 - Exploratory work COAR issued 6/2/15. Scope 8 PWCM issued 5/16/16. Scope 2 - August through September - Withdrawal issued 05/31/2016. Scope 2 Withdrawal request rec'd 7/14/16. Scope 2 Addendum 1 COAR issued 11/9/16.	
ROCKI-237	Dan River Active Primary Ash Basin	N/A	Addelidum 1 COAR Issued 11/9/16.	Addendum 1 COAR Issued 11/9/16. Per Statute	
ROCKI-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	Scope 1 '-Slipline plan for 300' of discharge pipe H25 Resubmitted on August 3, 2015. Scope 1 COAR issued	Scope 1 COAR issued 12/5/14; Scope 2 not rec'd; Scope 3 PWCM issued on 5/28/15; Scope 4 PWCM issued 5/16/16.  August through September Inspected for Analysis of Risk per Statute	
ROCKI-241	<u> </u>		03/24/16.	Scope 1 COAR issued 03/24/16.	
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; RevReq sent 10/30/14 Repair plan rec'd 8/26/14; Scope 3 COAR issued 9/18/14; Scopes 1&2 rec'd 10/13/14; Scopes 1 COAR issued 12/10/14; Scopes 2 COAR issued 12/15/14; Scapes 1 COAR issued 12/15/14; Scapes 2 COAR issued 12/15/14; Scapes 1 COAR issued 12/15/14; Scapes 5 & 6 rec'd 8/27/15. Scope 5 COAR issued 4/6/16. Sope 6 addendum 1 rec'd 04/05/16. Scope 6 addendum 1 COAR issued 5/12/16. Scope 5 as built rec'd 7/13/16. Scope 7 Submittal rec'd 7/27/16. Scope 7 COAR issued 8/3/16. Scope 6 Addendum 1 as-builts rec'd 11/14/16. Scope 7 as-builts rec'd 10/5/16.	EAP rec'd 7/31/14; RevReq sent 10/30/14; EAP rec'd 12/2/14; EAP pending review; Scope 3 COAR issued 9/18/14; Scopes 1 COAR issued 12/10/14; Scopes 2 COAR issued 12/15/14. Scope 5 COAR issued 04/06/16. Scope 6 addendum 1 COAR issued 5/12/16. Scope 7 COAR issued 8/3/16.	
Riverbend Steam Station  GASTO-097	Riverbend Active Ash Basin Dam 1 (Primary)	N/A	EAP rec'd 7/31/14; RevReq sent 10/30/14 -Waiver on time to drain 8/6/15. Scope 2 submittal rec'd 8/12/16. Scope 2 as-builts rec'd 12/9/16.	EAP rec'd 7/31/14; RevReq sent 10/30/14; EAP rec'd 12/2/14; EAP pending review. Scope 1 COAR issued 8/6/15.  August through September - Inspected for Analysis of Risk per Statute	
GASTO-098	Riverbend Active Ash Basin Dam 2 (Secondary)	7/31/14; NOD followup (plan required) sent 8/11/14.	EAP rec'd 7/31/14; RevReq sent 10/30/14 NOD response received 9/26/14; Scope 1 COAR issued 12/5/15; Scope 2 determined to not be required; Scope 3 COAR issued 4/10/15; -Abandon horiontal outlet pipe plan 8/6/15; Scope 1 Addendum 1 COAR issued 8/6/15; Scope 4 COAR issued 8/6/15; Amendment to Scope 1 COAR issued 8/17/15. Scope 1 Addendum 1 as builts rec'd 3/10/16. Scope 3 COFA issued 6/27/16.	EAP rec'd 7/31/14; RevReq sent 10/30/14; EAP rec'd 12/2/14; EAP pending review; Scope 1 COAR issued 12/5/15; Scope 2 determined to not be required; Scope 3 COAR issued 4/10/15; Scope 1 Addendum 1 COAR issued 8/6/15; Scope 4 COAR issued 8/6/15; Amendment to Scope 1 COAR issued 8/17/15. Scope 3 COFA issued 6/27/16.  August through September- Inspected for Analysis of Risk per Statute	
0.070.000	Riverbend Ash Basin Intermediate	7/31/14; NOI follow-up	EAP rec'd 7/31/14; RevReq sent 10/30/14; Scope 1 COAR issued 8/6/15; Amendment to Scope 1 COAR issued 8/17/15. Scope 2 rec'd 5/31/16. Scope 2 COAR		
GASTO-099	Dam	8/11/14	issued 6/16/16.	COAR issued 6/16/16. per Statute	

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Asheville Power Station						
BUNCO-089	Asheville 1982 Ash Pond Dam	NOI 6/16/14; Initial Response rec'd 6/27/14;	EAP rec'd 7/31/14; RevReq sent 10/30/14 NOI response received 10/13/14; Scope 1 COAR issued 12/19/14; Scope 2 received 5/18/2015. Scope 2 COAM issued. Scope 3 rec'd 01/21/16. Scope 3 RevReq sent 04/20/16. Scope 3 RevReq Response rec'd 6/2/16. Scope Ash Excavation COAR issued 05/18/2016. Scope 3 COAR issued 7/1/16. Ash Excavation as built rec'd 7/22/16. Scope 2 as-builts rec'd 9/28/16.	EAP rec'd 7/31/14; RevReq sent 10/30/14; Scope 1 COAR issued 12/19/14; Scope 2 COAM issued 06/25/15.Scope Ash Excavation COAR issued 05/18/2016. Scope 3 COAR issued 7/1/16.	August through September - Inspected for Analysis of Risk per Statute	
		NOI 6/16/14; Initial Response rec'd 6/27/14; Pipe evaluation report rec'd	EAP rec'd 7/31/14; RevReq sent 10/30/14  Submitted to DENR on Aug 5, 2015  PWCM email sent on Aug 17, 2015; Scope 1 rec'd  7/31/15, Scope 2 PWCM issued 8/17/15; Scope 3 rec'd 9/21/15. Scope 3 addendum 1 rec'd  12/07/15. Scope 4 rec'd 02/12/16. Scope 1  Addendum 1 withdrawal rec'd 4/28/16. Scope 1  COAR issued 5/13/16. Scope 4 PWCM issued  05/31/2016. Scope 1 Addendum 1 Withdrawal acceptance letter issued 05/31/2016. Scope 5  submittal rec'd 8/31/16. Scope 5 RevReq sent  9/26/16. Scope 5 Addendum 1 rec'd 10/26/16. Scope	EAP rec'd 7/31/14; RevReq sent 10/30/14. Scope 1 COAR issued 5/13/16. Scope 4 PWCM issued 5/31/2016. Scope 1 Addendum 1 Withdrawal Acceptance letter issued 05/31/2016. Scope 5 Addendum 1		
BUNCO-097	Asheville 1964 Ash Pond Dam	7/30/14; NOI follow-up 8/16/14	5 Addendum 1 COAR issued 11/9/16.	COAR issued 11/9/16.	per Statute	
Cape Fear Power Station						
CHATH-075	Cape Fear 1956 Ash Pond (Inactive)	NOI 6/26/14; Initial Response rec'd 7/2/14; Pipe	NOR/NOD rec'd 10/13/14; Scope 1 COAR issued 3/6/15 Submitted to DENR on July 29, 2015; Scope 1 Addendum 1 rec'd 6/19/15; Scope 2 rec'd 6/1/15. Scope 4 rec'd 09/10/2015, Scope 1 addendum 1 COAR issued 05/13/2016. Scope 4 COAM issued 05/16/2016. Scope 2 withdrawal submitted 04/28/2016. Scope 2 Withdrawal submitted 05/18/2016. Scope 2 Secope 3 rec'd 6/27/16. Scope 3 RevReq sent 9/20/16. Scope 3 RevReq Response rec'd 9/27/16. Scope 4 extention rec'd 10/19/16.	Scope 4 COAM issued 05/16/2016. Scope 2	August through September - Inspected for Analysis of Risk per Statute	
	Cape Fear 1963 Ash Pond Dam	N/A	Submitted to DENR on July 29, 2015; Scope 1 rec'd 6/1/15, Scope 2 COAR issued 9/10/15. Scope 1 Withdrawal rec'd 04/28/2016. Scope 1 Withdrawal RevReg sent 05/19/2016. Scope 1 Acceptance of Withdrawal issued 8/23/16. Request to delay Scope 2 rec'd 6/27/16. Scope 2 RevReg sent on 9/20/16. Scope 2 RevReg Response rec'd 9/27/16.	Scope 1 under review, Scope 2 COAR issued 9/10/15. Scope 1 Withdrawal RevReq sent 05/19/2016. Scope 1	August through September - Inspected for Analysis of Risk per Statute	
	Cape Fear 1970 Ash Pond Dam	NOD 6/26/14; Initial Response rec'd 7/2/14; Pipe evaluation report rec'd 7/28/14; NOD followup	NOD response received 9/26/14; Scope 1 COAR issued 3/12/15 -• Submitted to DENR on July 29, 2015; Scope 2 COAR issued 9/10/15. Scope 1 as built rec'd 12/17/15. Request to delay Scope 2 rec'd	Scope 1 COAR issued 3/12/15; Scope 2 COAR issued 9/10/15. Scope 1 as built rec'd 12/17/15.	August through September - Inspected for Analysis of Risk per Statute	

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; RevReq sent 10/30/14 NOD/NOI response received 9/26/14; Scope 1 COAR issued 1/22/15; Scope 2-1 rec'd 10/15/14; Scope 2-2 rec'd 3/2/15; Scope 2-1 RevReq sent 2/13/15; Scope 2-2 COAR issued 3/17/15; Scope 2-1 COAR issued 4/1/15; Scope 3 rec'd 6/1/15, Scope 4 COAR issued on 9/10/15. Scope 2-2 as-builts rec'd 12/22/15. Scope 2-1 as-builts rec'd 02/02/16. Scope 3 Withdrawal submitted 04/28/2016. Scope 1 Addendum 1 COAR isseud 5/12/16. Scope 3 as-built rec'd 6/2/2016. Scope 1 Addendum 1 as built rec'd 8/25/16. Request to delay Scope 4 rec'd 6/27/16. Scope 4 RevReq Response rec'd 9/27/16.	EAP rec'd 7/31/14; RevReq sent 10/30/14; EAP rec'd 12/2/14; EAP pending review; Scope 1 COAR issued 1/22/15; Scope 2-2 RevReq sent 2/13/15; Scope 2-2 COAR issued 3/17/15; Scope 2-1 COAR issued 4/1/15; Scope 4 COAR issued on 9/10/15; Scope 1 Addendum 1 COAR isseud 5/12/16. Scope 3 Withdrawal acceptance issued 05/18/2016.	August through September - Inspected for Analysis of Risk per Statute	
						-
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; RevReq sent 10/30/14 Repair application rec'd 8/20/14; Scopes 1&2 COAR issued 9/12/14; Scope 3 rec'd 9/15/14; Scope 3 proceed with work w/o COAR 9/15/14; Scope 4 rec'd 10/15/14; Scope 4 RevReq sent 2/9/15; Scope 4 COAR issued 3/6/15; Interim Final Approval of Phase 1 issued on 4/14/15; Scope 2 Addendum 1 COAR issued 5/8/15; EOR change issued 5/20/15 -• Remediation of upstream slope As-builts submitted on July 24, 2015 -• 36"RCP Transmittal to DENR on Sept 15, 2014, confirming work will proceed without a COAR required; Scope 1 Addendum 1 rec'd 7/31/15, Scopes 5 rec'd 6/1/15; Scope 6 rec'd 7/27/15; Scope 2 asbuilts rec'd 7/24/15. Scope 4 as-builts rec'd 02/02/16. Scope 6 COAR issued 5/16/16. Scope 2 Addendum 1 COFA issued 6/23/16. Scope 5 souilt rec'd 8/25/16.	EAP rec'd 7/31/14; RevReq sent 10/30/14; EAP rec'd 12/2/14; EAP pending review; Scopes 1&2 COAR issued 9/12/14; Scope 3 proceed with work w/o COAR 9/15/14; Scope 4 RevReq sent 2/9/15; Scope 4 COAR issued 3/6/15; Scope 2 Addendum 1 COAR issued 5/8/15; EOR change issued 5/20/15; Scope 6 COAR issued 03/04/16. Scope 5 COAR issued 5/16/16. Scope 2 Addendum 1 COFA issued 6/23/16.	August through September - Inspected for Analysis of Risk per Statute	
GIANN 675	Joseph Land Same	7/20/11/	ount ree a 6/25/10.	1 66171 155464 67 257 16.	per statute	
Sutton Power Station						
NEWHA-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; RevReq sent 10/30/14; - Telestack conveyor system plan 8/6/15; Scopes 1 & 2 PWCM issued 9/22/15, Scope 3 COAR issued 11/5/15. Scope 3 as-builts rec'd 11/8/16.	EAP rec'd 7/31/14; RevReq sent 10/30/14; EAP rec'd 12/2/14; EAP pending review; Scopes 1 & 2 PWCM issued 9/22/15, Scope 3 COAR issued 11/5/15	August through September - Inspected for Analysis of Risk per Statute	
			EAP rec'd 7/31/14; RevReg sent 10/30/14; Scope 1	EAP rec'd 7/31/14; RevReq sent 10/30/14; EAP rec'd 12/2/14; EAP pending review;	August through September - Inspected for Analysis of Risk	
NEWHA-004	Sutton 1971 Ash Pond	7/31/14; Dam is exempt	COAR issued 9/4/15. Scope 2 rec'd 10/28/16.	Scope 1 COAR issued 9/4/15	per Statute	
Mayo Power Station						 
PERSO-034			Scope 1 rec'd 11/29/16			
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; RevReq sent 10/30/14 NOR/NOD rec'd 10/13/14; Scope 1 COAR issued 1/22/15; Scopes 2&3 RevReq sent 2/5/15; Scopes 2&3 COAR issued 3/6/15 - New Spillway plans submitted on 7/1/15 and 8/20/15; Scope 1 Addendum 1 COAR issued 10/12/15; Scopes 2 & 3 as-builts rec'd 11/20/15. Scope 1 Addendum 1 as-builts rec'd 5/12/16. Scope 2&3 COFA issued 06/13/2016.	EAP rec'd 7/31/14; RevReq sent 10/30/14; Scope 1 COAR issued 1/22/15; Scopes 2&3 RevReq sent 2/5/15; Scopes 2&3 COAR issued 3/6/15; Scope 1 Addendum 1 COAR issued 10/12/15. Scope 2&3 COFA issued 06/13/2016.	August through September - Inspected for Analysis of Risk per Statute	

Roxboro Power Station							
	Roxboro West Ash Pond Dam			for Scopes 1&2; Scopes 1&2 COAR issued 4/15/15.	EAP rec'd 7/31/14; RevReq sent 10/30/14;Scopes 1&2 COAR issued 4/15/15. Scope 1&2 COFA issued 3/7/16.	August through September - Inspected for Analysis of Risk per Statute	
	Roxboro West Ash Pond South Rock Filter		NOD 6/26/14; Initial Response rec'd 7/2/14; Pipe evaluation report rec'd	5/12/16. Scope 2 COAR issued 5/3/16. Scope 1 Addendum 1 as built rec'd 9/6/16. Scope 2 as built	Scope 1 COAR issued 12/11/14; Scope 2 not rec'd yet. Scope 1 Addendum 1 COAR issued 5/12/16. Scope 2 COAR issued	August through September - Inspected for Analysis of Risk per Statute	
PERSO-033	Roxboro East Ash Pond			Scope 2 Addendum 1 COAR issued 6/3/2016. Scope 2	Scopes 1&2 RevReq sent 3/11/15; Scopes 1&2 COAR issued 3/30/15; Scope 2 Addendum 1 COAR issued 6/3/2016.	August through September - Inspected for Analysis of Risk per Statute	
Weatherspoon Power Station							
	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	7 submittal rec'd 3/8/16. Scope 1 as builts rec'd 4/28/16. Scope 3 addendum 1 COAR issued 5/14/16. Scope 4 COFA issued 4/21/16. Scope 7 COAR issued 5/16/16. Scope 3 Addendum 1 as-builts rec'd	7/31/14; RevReq sent 10/30/14; EAP rec'd 12/2/14; EAP pending review; Scopes 1,2,&3 COAR issued 1/22/15; Scope 4 COAR issued 3/6/15. Scope 6 COAR issued	August through September - Inspected for Analysis of Risk per Statute	
H.F. Lee Power Station							

		evaluation report rec'd	NOD issued 6/10/16. (Scope 2 Addendum 2 submittal rec'd 7/7/16; RevReq sent 7/29/16; RevReq response rec'd 8/19/16; Phone conversation for Additional Info 9/8/16). Scope 2 Addendum 1 as built rec'd 8/30/16. Scope 2 Addednum 2 (phase 1) rec'd 9/20/16. Scope 2 Addednum 2 (phase 2) rec'd 2/21/16. Scope 2 Addednum 2 (phase 2) rec'd 2/27/16. Scope 2 Addednum 2 (phase 2) rec'd 2/27/16. Scope 2 Addednum 2 (phase 2) COAR issued 10/5/16. Scope 2 Addednum 2 as-builts rec'd	EAP rec'd 7/31/14; RevReq sent 10/30/14; EAP rec'd 12/2/14; EAP pending review; Scope 1 COAR issued 1/22/15; Scopes 2&3 COAR issued 1/99/15; Scope 3 Addendum 2&3 issued 9/9/15, Scope 4 under review, Scope 1 Addendum 2 COAR issued 10/13/15. Scope 4 COAR issued 30/1/16. Scope 2 addendum 1 Disapproval issued 4/22/16. Scope 2 addendum 1 COAR 1 year extension issued 5/10/16. NOD issued 6/10/16. Scope 2 Addednum 2 (phase 1) COAR issued 9/21/16. Scope 2 Addednum	August through September - Inspected for Analysis of Risk	
WAYNE-022	H.F. Lee Active Ash Pond	7/31/14; NOD 8/6/14	12/13/16.	2 (phase 2) COAR issued 10/5/16.	per Statute	
WAYNE-031	H.F. Lee Ash Pond 1 Dam (Inactive)	N/A	Plan rec'd 10/13/14 for Scope 1; Notice to proceed as an exempt dam issued on May 7, 2015, Jurisdictional Determination - Geotech investigation • Submitted to DENR on July 21, 2015; Scope 2 rec'd 7/21/15	Scope 1 pending review; Notice to proceed as an exempt dam issued on May 7, 2015, Scope 2 under review		
WAYNE-032	H.F. Lee Ash Pond 2 Dam (Inactive)	N/A	=	Scopes 1, 2, & 3 pending review; Notice to proceed as an exempt dam issued on May 7, 2015, Scope 4 under review		
WAYNE-033	H.F. Lee Ash Pond 3 Dam (Inactive)	N/A	• Submitted to DENR on July 21, 2015; Scope 3 rec'd 7/21/15. Scope 2 as built rec'd 7/15/16.	Scopes 1 & 2 pending review; Notice to proceed as an exempt dam issued on May 7, 2015, Scope 3 under review		
WAYNE-009			Scope 1 submittal rec'd 7/28/16. Scope 2 submittal rec'd 8/12/16. Scope 1 PWM issued 9/20/16. Scope 2 COAR issued 9/9/16. Scope 2 as-built rec'd 12/5/16. Emergency repair (Hurricane) approval issued 12/9/16.	Scope 1 PWM issued 9/20/16. Scope 2 COAR issued 9/9/16. Emergency repair (Hurricane) approval issued 12/9/16.		

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		Control Office Mainte	DENID /DENALD O	Cool Ash Massacra			
		Central Office Mining	DENR/DEMLR Quarterly Report of				
			Ju	ne 2014 -December 20	J16 T		
No	Plant Name	Stormwater List of Letters	List of Stormwater Applications Received/Pending	Stormwater	Stormwater List of Inspections, (Date and General Findings)	Dam Safety List of Letters	List of Dam Safety Applications Received/Pending
No		Sent/Received (with Date)	Received/Pending	Application Status	(Date and General Findings)	Sent/Received (with Date)	Received/Pending
	1 Allen Steam Station						
	2 Belews Creek Steam Station						
	Buck Steam Station						
	4 Cliffside Steam Station						
	Dan River Steam Station						
	6 Marshall Steam Station						
	Riverbend Steam Station						
	8 Asheville Power Station						
	9 Cape Fear Power Station						
1	O Sutton Power Station						
1	1 Mayo Power Station						
1	2 Roxboro Power Station						
1	3 Weatherspoon Power Station						
	4 H.F. Lee Power Station						

Dam Safety Application Status	Dam Safety List of Inspections, (Date and General Findings)	Mining List of Letters Sent/Received (with Date)	List of Mining Applications Received/Pending	Mining Application Status	Mining List of Inspections, (Date and General Findings)
		Note: Mining Downits and Madific	ations are for Declaration Modifi	sations at two evicting Downitted N	ding areas
		Note: Mining Permits and Modific They are Colon Mine (permit 53-05)			illie aleds.
		Colon - ADIT letter sent - 12/19/14		). Pending - waiting additional inforr	12/5/2014
		Brickhaven #2 -ADI letter sent -12,		Pending - waiting additional infor	12/5/2014
		DITEMITAVEH #2 -ADI TELLET SEITE-12		19-25 Draft Pending	12/3/2014
				53-05 Draft Pending	
		Brickhaven #2		33 33 Brait i Chaing	RRO inspection/NOD 5/29/15
		DITORITUVCII II Z			1110 hispection, 1100 3/23/13
		Colon Mine modified 6/5/15 to all	ow disposal of CCGs within the nit	area	
		co.o Milite infodition 0/3/13 to diff	on disposar of coos within the pit	4.64	
		Brickhaven #2 Mine modified 6/5/	15 to allow disposal of CCGs withi	n the nit area	
		Brickhaven #2 Mine modified 9/1/		in the pit area	
<u></u> i	I I				
		Letter issued 11/18/15 for field ac			RRO inspection 12/1/15

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		Asheville RO	DENR/DEMLR Quarterly Report of	n Coal Ash Managemer	nt Activities due to the FRC					Ì		$\vdash$	
		A SHEVING NO		une 2014 -December 20								-	
				ane 2014 - December 20	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							$\vdash$	
												$\vdash$	
		Stormwater List of Letters	List of Stormwater Applications	Stormwater	Stormwater List of Inspections,	Dam Safety List of Letters Sent/Received	i		Dam Safety List of Inspections, (Date and	Sedimentation	New and/or Revised Erosion &	1	
No	Plant Name	Sent/Received (with Date)	Received/Pending	Application Status	(Date and General Findings)	(with Date)	List of Dam Safety Applications Received/Pending	Dam Safety Application Status	General Findings)	Inspections	Sedimentation Control Plans	<b>—</b>	
1	Allen Steam Station Belews Creek Steam Station											—	_
	Buck Steam Station											$\vdash$	_
	Cliffside Steam Station											├──	-
	Asheville Power Station	LOD dated 11-30-2015 for ES&C		Held Stormwater			10-26-16 Received Revision of 1964 Ash				Received predisturbance	-	_
	ASILEMIC FORCE SALON	plan for BUNCO-097 Slope Stability Remedial Work. Evaluation of ES&C plan for BUNCO 097 Slope Stability Remedial Work sent to Engineer via email 11-19- 2015. LOR dated 11-9-2015 for Erosion Control Plan for BUNCO- 097 Slope Stability Remedial Work.		Public Hearing February 24, 2016. Held Coal Ash Risk Classification Meeting on March 1, 2016	Melissa King conducted weekly inspections from 10-7-16 until 11 23-16 of the BUNCO-089 dam decommissioning project as well as BUNCO-097. Seepage inside the impoundment area was noted on 10-21-16 however it was pumped into the wastewate treatment system. Other items noted were the elevation the structure was excaveted to as well as newly implemented planned erosion control devices. 7-8-16 Melissa King inspected the Ash Plond Slope Stability Project which was not started and Duke sebsequently withdrew. She also inspected Bunco 2016-009 Center Pond which required additional stabilization. 9-15-2015 - Close out inspection for BUNCO-2012-001. 8/27/14 - Inspection to review submitted application info (Mike Randall).	9-26-16 Melissa King sent comments - Dam Safety considering the Proposed Divider Dam Improvements - Scope S BUNCO-097, 8-31-16 Received ASH-135 Tree & Tower Removal Project for the southwestern portion of BUNCO-097 for approval. 8-22-2016 Received the 2016 Coal Combustion Residuals Annual Surface Impoundment Report. 7-22-16 Received as-constructed drawings for the Ash Removal for the eastern side of separator Dike. 7-1-16 Received email from Shane Cook Approving the Separator Dike Plans and the Breach Plan for BUNCO-089. 6/28/16 Rec'd email containing: 1. Letter addressing additional information request for decommissioning of BUNCO-089. 2. Construction quality assurance plan for closure of BUNCO-089. 3. Technical specifications for BUNCO-089. 2. Construction quality assurance plan for closure of BUNCO-089. 3. Revised drawings Decommissioning. 4. Revised drawings for BUNCO-089 decommissioning and 4. Design report with specifications for 1964 Ash Basin(BUNCO-097) 2H:1V Separator Dike Slope. 6/6/16 Rec'd	Basin(BUNCO-092) from Dam Safety to review, Melisas King responded that with the weekly site visits she had no comments in addition to those she provided in email dated 9-26-16; '9-28-16 Received request from Gloria Hogle for final approval of the excavation /stabilization Scope 2 As-Bullt completion report for the BUNCO-089 '8-22-16 Received ASH-135 Tree & Tower Removal Project for the southwestern portion of BUNCO-097 for approval-7-22-16 Received as-constructed drawings for the ASH Removal for the eastern side of separator Dike. '6/28/16 Rec'd email containing: 1. Letter addressing additional information request for decommissioning of BUNCO-089. 2. Construction quality assurance plan for closure of BUNCO-089 Decommissioning. 4. Revised drawings for BUNCO-089 Decommissioning. 4. Revised drawings for BUNCO-089 Decommissioning and 4. Design report with specifications for 1964 Ash Basin(BUNCO-097)	comments for BUNCO-089 decommissioning. Sent email dated 2-25-2016 with ARO	Melissa King conducted weekly inspections from 10-7-16 of the BUNCO- 089 dam decommissioning project as well as BUNCO-097. Seepage inside the impoundment area was noted on 10-21-16 however it was pumped into the wastewater treatment system. Other items noted were the elevation the structure was excaveted to as well as newly implemented planned erosion control devices. 09-26-16 Melissa King inspected the BUNCO-089 Scope 2 work and found that the upper 2/3 of the slope was stabilized with vegetation, the slope appeared to be 2:1 and a portion of the face adoining the separator dike had been armored with rip rap. 04-15-2016 Melissa King performed annual inspection of BUNCO-089 and 097 and found the dams to be in good condition. On 3-23-2016 some fugitive coal ash from BUNCO-089 was discovered in the unnamed tributary directly below dam, however Duke responded with boms and vac trucks and DWR responded to evaluate the extent of the impact. Per Landon Davidson the impact was very limited and consisted of fugitive as Must collected	into the wastewater treatment system. Other items noted were the elevation the structure was excaveted to as well as newly	notification for the		
9	Cape Fear Power Station					email comntaining letter trequesting	itemized response to comments for		from the BUNCO-089 impoundment. He also	Assessment which was		<u> </u>	
	Sutton Power Station	<u> </u>		1	<b>†</b>							$\vdash$	1
-		1					İ					$\vdash$	
44	Mayo Power Station												
- 11	Mayo Power Station											<b></b>	
12	Roxboro Power Station												
	Weatherspoon Power Station	<del> </del>										$\vdash$	1
14	H.F. Lee Power Station												

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		Fayetteville RO	DENR/DEMLR Quarterly Report or	n Coal Ash Management	at Activities due to the ERC										
			Ju	ine 2014 -December 201	16										
		Stormwater List of Letters	124 - 654	Stormwater	Character Line Co	Daniel California Committee	Until Day California		Daniel Cafebratic Co	Maria de Como	11-4-45-41-1		A Production of the Control of the C		New and/or Revised Erosion &
lo.	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)	Mining List of Letters Sent/Received (with Date)	List of Mining Applications Received/Pending	Mining Application Status	Mining List of Inspections, (Date and General Findings)	Sedimentation Inspections	New and/or Revised Erosion & Sedimentation Control Plans
1	Allen Steam Station				(======================================	,		,,	(22000000000000000000000000000000000000	,		8.45	8-7		
2	Belews Creek Steam Station														
3	Buck Steam Station														
	Cliffside Steam Station														
5	Dan River Steam Station  Marshall Steam Station														
	Riverbend Steam Station														
	Asheville Power Station														
	Cape Fear Power Station														
10	Sutton Power Station														
11	Mayo Power Station														
12	Roxboro Power Station														
					Sediment and Erosion Control		Revised plans for repair received								
	Weatherspoon Power Station				Plan/ NPDES Construction		from Duke Energy 2/10/2014								Sediment and Erosion Control
					Stormwater Inspection of Project										Plan/ Construction Stormwater ROBES-2016-007 Additional
					# ROBES-2016-007 Dated 4-13- 2016 (In										ROBES-2016-007 Additional Information (Slope Repairs)
					Compliance)										Received August 16, 2016.
					colours and control of the control										•
					Sediment and Erosion Control Plan/ NPDES Construction		Slope stability evaluation and							Sediment and Erosion	
					Stormwater Inspection of		repair received from Duke Energy	,						Control Plan/ Construction	Sediment and Erosion Control
					Project # ROBES-2016-013 Dated		2/29/2014							Stormwater ROBES-2016-	Plan/ Construction Stormwater
					4-13-2017 (In										ROBES-2016-007 Revised Plan
			1		Compliance)			1						compliance.	Received September 9, 2016.
					Sediment and Erosion Control										
					Plan/ NPDES Construction		Plans For Repair Received from								Sediment and Erosion Control
					Stormwater Inspection of Project		Duke Energy 10/2/2014								Plan/ Construction Stormwater
					# ROBES-2012-005 Dated 4-13-										ROBES-2017-006 Plan Received
					2018. Site was in Compliance and Stabilized File Closed.										November 7, 2016 and Approved November 9, 2016.
															, , , , , , , , , , , , , , , , , , , ,
					Sediment and Erosion Control										
					Plan/ NPDES Construction				Duke Energy Inspection Report of						
					Stormwater Inspection of Project				Weatherspoon Ash Basin					Sediment and Erosion	College of Control
					# ROBES-2015-008 (Slope Stability Evaluation) Dated 4-13-				Received 1/13/2015					Stormwater ROBES-2016-	Sediment and Erosion Control Plan/ Construction Stormwater
					2018. Site was in Compliance										ROBES-2016-013 Revised Plan
					and Stabilized File Closed.									Compliance.	Approved December 7, 2016
							H&H channel capacity evaluation								
					Sediment and Erosion Control		and addendum to seepage and	1							
					Plan/ Construction Stormwater		slope stability received from								
					ROBES-2016-007 Inspection 12-8- 2016 In Compliance.		Duke Energy 2/2/2015								
					2020 in compliance.										
					Sediment and Erosion Control		Addendum to seepage and slope								
					Plan/ Construction Stormwater		stability received from Duke								
					ROBES-2016-013 inspection 12-8-		Energy 2/4/2015								
					2016 In Compliance.										
							ROBES-2015-008 ESC Plan for		Duke Energy Dam Inspection- As built evaluation of slope repairs						
							slope stability evaluation		at Weatherspoon Ash basin						
							approved on 3-4-2015		5/22/15. Rip rap slope repairs						
									were satisfactory.						
							Operations and Maintenance		Inspection Report of Robes-009 Weatherspoon Ash Pond Dam						
							Manual Revision- 5/18/15		dated 11-17-2015.						
								Fayetteville Comments to Central							
							Application for Dam Modification	Office RE: Application for Dam	Inspection Report of Robes-004 Weatherspoon Ash Pond Cooling						
							- Revision 1 to Scope 1- 6/1/15	Dam Modification - Revision 1 to	Lake Dam dated 11-17-2015.						
								Scope 1 - 6/9/2015							
						Final Approval for Repairs -									<u> </u>
						riliai Appioval for Repairs -	S&ME Toe Drain Repair		Notice of Inspection ROBES_009						
						Scope2 Weatherspoon 1979 Ash	S&ME Toe Drain Repair Modifications Received FRO June 17, 2015		Notice of Inspeciton ROBES-009 Dated 11-23-2015 (Ash Pond						

		Response to NOI from Duke	AMEC Application for Dam	Notice of Inspeciton ROBES-00					
		Energy received 2/9/2015 with	Modification Received FRO	4Dated 11-23-2015(Cooling Lake					
		supporting documentation	June26, 2015	Dam)					
Weatherspoon Ash Pond									
Weatherspoon Ash Pond Vegetation Removal and Spillwa	Sediment and Erosion								
Modification Sediment and	Construction	Letter from Duke Energy.	S&ME Construction Certification						
Erosion Control and Construction		Notification of Vegetatioin	Report Ash Basin Dam (Upstream						
Stormwater(NPDES NCG 010000	2016-007 Approved	Removal on Ash Basins Received	d Slope Repairs) Received by FRO	Dam Safety Inspeciton Report 4-					
Application(ROBES-2016-007)	August 14, 2015	August 3 ,2015	August 25, 2015.	13-2016	Note: Mining Permits and Modific	cations are for Reclamation Modifi	cations at two existing Permitted N	Mine areas.	
	E&SC Plan submitted	Certificate of Approval for			They are Colon Mine (permit 53-				
	for toe drain repairs	vegetation removal Scope 6	S&ME Addendum to toe drain		05) Brickhaven #2 Pit (permit 19-				
	on 10-7-2015	dated September 9, 2015	repair recommendation	009 4-13-2016	25).				
			Request for Approval to Repair						
			Scope 7 (Clearing, Grubbing and						
	E&SC Plan submitted	Approval to install	Rip Rap Stabilization of						
	for access road to switchyards on 11-	instrumentation for Weatherspoon Plant Cooling	Downstream Slope.) Date Received March 14,	Dam Safety Inspeciton Report ROBES-009 Ash Pond Dam 12-8-	Colon ADIT letter cont		Pending - waiting additional		
	23-2015	Lake Dam	2016	2016	12/19/14	11/21/2014	information	12/5/2014	
	Sediment and Erosion								
	Control Plan/								
	Construction								
	Stormwater ROBES-								
	2016-007 Revised								
	Plan Received June 10, 2016 and	Letter of Approval for E&SC plan	,	Dam Safety Inspection Report					
	Approved June 17,	for toe drain repairs dated 10-30	0- Updated Emergency Action Plan.	ROBES-004 Cooling Lake Dam 12	Brickhaven #2 -ADI letter sent -		Pending - waiting additional		
	2016.	2015	Date Received 4-19-2017	8-2016	12/19/14	11/21/2014	information	12/5/2014	
	Sediment and Erosion						·		
	Control Plan/								
	Construction Stormwater ROBES-								
	2016-007 Additional	Letter of Approval for E&SC plan	1						
	Information (Slope	for access road to switchyards							
	Repairs) Received	dated 11-23-2015(Express	Emergency Action Plan Update						
	August 16, 2016.	Permitting)	Received September 8, 2016						
	Sediment and Erosion								
	Control Plan/								
	Construction								
	Stormwater ROBES- 2016-007 Revised	Final Approval for Repairs -Scope 4 Weatherspoon 1979 Ash Pond	e PORES DOS COAR Seems 2						
	Plan Received	Dam ROBES-009 Dated April 21.	Adendum 1 Received October						
	September 9, 2016.	2016 Received at FRO 4-26-2016	6 26, 2016						
	Sediment and Erosion								
	Control Plan/ Construction								
	Stormwater ROBES-	Dam Safety Order Received	ROBES-009 COAR Scope 6&7						
	2017-006 Plan	August 30, 2016 (Multiple Sites	Vegetation Removal and Slope						
	Received November	including Weatherspoon ROBES-	- Repair Construction Certification						
	7, 2016 and	009)	Report.		1			<u> </u>	
	Sediment and Erosion								
	Control Plan/								
	Construction								
	Stormwater ROBES-	Letter for Enginner of Record							
	2016-013 Revised Plan Approved	Change Received August 30, 2016( Engineer of Record Jason							
	December 7, 2016	R. Reeves)							
	7 1 1	-							
		Letter for Enginner of Record							
		Change Received August 30,							
		2016(Engineer of Record							
	+ + + + + + + + + + + + + + + + + + + +	Christopher T Keenan)			1			<u> </u>	
		Letter of Response From Duke							
		Energy Regarding Dam Safety							
		Order Issued to Weatherspoon							
		Facility Received December 14,							
		2016 by NCDEQ FRO.							

										T	$\overline{}$	$\neg$
	Mooresville RO	DENR/DEMLR Qua	rterly Report on Coal Ash		ue to the ERC						$\equiv$	
			June 2014 -December 2	2016						+	+-	+
	Stormwater	st of List of Stormwat	er	Stormwater List of						-	+	+-
	Letters Sent/R		Stormwater	Inspections, (Date and		List of Dam Safety Applications		Dam Safety List of Inspections, (Date and General				l l
No	Plant Name (with Da	) Received/Pendi	Application Status 4-8-2015, Staff from	General Findings) 3/24/2015 - site visit	Sent/Received (with Date) GASTO-016 NOD 6/13/14.	Received/Pending GASTO-016, GASTO-061 repair plans due	Dam Safety Application Status  EAP under review. EAP reviewed for GASTO-016 and	Findings) 6/12/14 - camera inspection review for GASTO-061	Erosion and Sediment Control List of Plans & Inspections, (Date and General Findings)  Allen Steam Station Ash Basin Improvement, GASTO-2015-017, issued 3/25/15; Allen Steam Station Ash basin Groundwater Assessment, GASTO-2015		$+\!-\!\!\!-$	+
			DEMLR participated in public hearing for Stormwater permits.	with RCO permitting staff (Bradley, Mike, Ken) and LQ staff Brad cole before issuance of draft permit.	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. GASTO-061 letter 8/11/14. GASTO-061 letter 8/11/14. GASTO-016, 061 comments sent to Raleigh on Aug. 10, 2015, and Aug. 14, 2015, Aug. 27, 2015, Aug. 28, 2015. Install Instrumentation, completion Report sent to	9/26/14. Repair Plan completion Report Scope 2 due no Sep. 29, 2015. Scope 2 and 3 COFA was reviewed and sent comments to Rieigh. COAR Request Spillway Replacement Addendum 1 andto Scope 1 (GASTO-061) was reviewed in July 2, 2016. Revised Design report for Allen Alternative spillway, Scope 1 Addendum 1 (GASTO-016) was reviewed on July 23, 2016. Alten Stem Station Active Ash basin dam Scope 4 As Built (GASTO-061) was completed on July 23, 2016. CAMA Rule Groundwater Mointioring well installation (GASTO-061) at Allen was completed on August 23, 2016. Wegetation removal Scope 3 (GASTO-016) completion report was inspected on September 21, 2016. Scope 1	GASTO-061 and comments to Raleigh. NOD June 13, 2014 Compliance Letter and review for Retired Ash Basin, GASTO- 016, GASTO-061. Response Letter of NOI from Duke, H & H Analysis got GASTO-061, Request of Leachate Flow Meter Installation. Submittal of Spillway Improvement for GASTO-	and GATO-016. Both spillways need repair. 5/27/15 periodic inspections of GASTO-016, GASTO-061. GASTO-061 as-built inspection for repair 8/13/2015. GASTO-061 and 016 Field As-built for instrumentation completion 8-19-15. 12/30/2016 inspection for EAP level 3 - surficial slide on GASTO- 061, 3/31/2016. periodic inspections of GASTO-016,	. 109; Issued 3/25/15 with revision to plan approved 5/19/15; Sediment Inspection completed on 8-13-15 GASTO-2009-001 landfill 2-3, in compliance GASTO-2016-009 Plant Allen Structural Fill B1 issued 9/39/2015, GASTO-2015-019 Allen Stems Batton Anh Basin improvements from 40/19/2015, GASTO-2016-009 Plant Allen Structural Fill #3 - Area 2 issued 11/12/2015, GASTO-2016-007 Ash Dike Slope Improvements for Allen Steam Station issued 11/12/3/2015. GASTO-2015-007 Allen Steam Station Ash Basin Groundwater Assessment revised 12/7/2015. September 16, 2015 Active Sediment projects review with Erich Schwieber at Allen Steam Station Able Slope Improvements (IAL-2016) for Allen Steam Station Active Ash Basin, Principal Spillway Replacement (IAL-206) for Allen Steam Station Active Ash Basin, GASTO-2016-007 issued 31/1/2016. Allen Steam Station Active Ash Basin, GASTO-2016-007 issued 31/1/2016. GASTO-2016-002 Water Relocation-RAB Culvier Project Issued 6/23/2016. GASTO-2016-003 Water Relocation-RAB Culvier Project Issued 6/23/2016. GASTO-2016-001			
	Allen Steam Station				ROWAN-047 NOD 6/13/14. ROWAN-069 NOD 6/13/14. Duce letter 6/26/14. Duce letter 7/30/14. Rowan-070 NOI 6/13/14. Duce letter 6/26/14. Duce letter 7/30/14. ROWAN-030 letter 8/11/14. ROWAN-069 letter 8/11/14. ROWAN-069 letter 8/11/14. ROWAN-069 letter 8/11/14. ROWAN-069 letter 8/11/14. ROWAN-069 letter 8/12/14. ROWAN-070 NOI 8/11/14. Duce letter 8/12/14. ROWAN-070 internal spillway video inspection on Aug. 6. 2015. Repair Plan for ROWAN-070 comments sent to Raleigh on Aug. 27, 2015. As-Built Instrumentation on Sep. 9, 2015. ROWAN-047 as-built comments sent 11/20/2015. ROWAN-047, Ges NOI sent 5/9/2016. ROWAN-047, Ges NOI sent 11/30/2016.	ROWAN-047, ROWAN-069 repair plans due 9/26/14. ROWAN-070 repair plan due 10/13/14. Scope 1 Addendum 2 as-builts received and reviewed and sent comments to Raleigh. Scope 3 received and sent comments to Raleigh.	EAP under review. EAP review for ROWAN-047, 68, 69, 70 and ROWAN-071. Rowan-069, Buck Steam Station Basin 1 to Basin 2 dam repair comments to Raleigh. ROWAN-068, Buck Steam Station Basin 1 investigation of pipes. Outlet repair for ROWAN-069 omments. ROWAN-069, Ond 3 Dam Embankment site improvements comments. Instrumentation at Buck Steam Station comments. Instrumentation at Buck Steam Station comments. Compliance with RAI/revision request for Rowan-069. Piezometer Installation for ROWAN-047, 068, 070, and 070 Piezometer Installation for ROWAN-047, 068, 070, and 070 Piezometer Installation for ROWAN-047, 068, epair plan for Scope # 1 RoWAN-047 Scope # 2 Tree emoval comments of Rowan-047 Scope # 2 Tree emoval comments to NOR Raleigh. Scope 1 Addendum 1 received and sent comments to 103/27/2015. Scope 2 received and sent comments to 107/2015. Scope 1 for RoWAN-071 received and sent comments of Colysian Scope 1 for RoWAN-071 received and sent ormitted for the Rowan-071 received and sent of the Rowan-071 received and sen	reviewed 9/9/15. 4/14/2016 - periodic inspections of ROWAN-47. 86, 69, 70, 71, 72, 52/5/2016 Obseved full-scale EAP exercise involving ROWAN-047. Semi Annual Pipe system Assessment report was reviewed for ROWAN-047 on July 25, 2016.Cama Rule Groundwater Montioring well installation at Buck Steam Station (ROWAN-068) was completed on	Buck Steam Station Coal Yard Reclamation, ROWAN-2014-007, issued 2/18/14 with additional area approved 5/9/14 and 6/5/14; Duke Energy Buck Station Fencing Project, ROWAN-2014-009, issued 5/19/14, Buck Combined Cycle Station Raw Water Supply and Wastewater Discharge, ROWAN-2015-006, issued 10/3/14, Buck Energy Buck Combined Cycle Station - Rev oil Building / Fire Water Overflow, ROWAN-2015-009, issued 12/16/14-0.0bc Energy Buck Coffice, ROWAN-2015-012, issued 2/19/15 buck Steam Station Pond 81 Embanhement BUC 75 lite Improvements, ROWAN-2015-009, issued 12/16/14-0.0bc Energy Buck Office, ROWAN-2015-012, issued 3/18/15, Buck Steam Station Found Ash Basin Groundwater Assessment, ROWAN-2015-014, issued 3/25/15; Sediment Inspection, ROWAN-2015-013, issued 3/18/15, Buck Combined Cycle Station Ash Basin Groundwater Assessment, ROWAN-2015-014, issued 3/25/15; Sediment Inspection, ROWAN-2015-014-009, Buck Steam Station Fencing Project on Ian 2, 2015 by SBG, Sediment Inspection, ROWAN-2015-014-009, Buck Steam Station Fencing Project on Ian 2, 2015 by SBG, Sediment Inspection, ROWAN-2015-014-009, Buck Steam Station Fencing Project on Ian 2, 2015 by SBG, Sediment Inspection, ROWAN-2015-014-009, Buck Steam Station Fencing Project on Ian 2, 2015 by SBG, Sediment Inspection, ROWAN-2015-014-009, Buck Steam Station Inspection Inspection, ROWAN-2015-014-009, Buck Steam Station Inspection, ROWAN-2015-014-009, Buck Steam Station Inspection, ROWAN-2015-014-014-014-014-014-014-014-014-014-014			
	Cliffside Steam Station		Stormwater Hearing for SW permit on Sep. 10, 2015. 2/15/2016 request for change of representative outfal status SW0216. Publi hearing for SW Permit on 3/4/2016.	SW inspection Pre- permit completed on Sep. 10, 2015	In Raleigh on Aug. 28, 2015, Repair plan seri comments to Raleigh on Aug. 27, 2015, As- Built inspection for cometon of Install instrumentation on Aug. 27, 2015, AS-Built inspections for RUTHE-070,027 on Aug. 27, 2015. Repair plan comments sent to raleigh on Sep. 10, 2015 CLEVE-050 repair plan scope 1 comments sent 12/15/2015. RUTHE-070 cvd 2/3/2016 Scope 1 comments sent 12/28/2015. RUTHE-070 cvd 2/3/2016 Scope 5 under review, CLEVE-099 rod 3/28/2016 Addendum to Scope 1 under review. CLEVE- 047, 049, 950, RUTHE-070, 072	050) was sent on July 22, 2016. RUTHE-070 COAR Riser and outfall pipe repair Scope 1 Addendum 1 on July 22, 2016. Revised repair plan for Scope 5 on RITHE 070 was completed on July 27, 2016. RUTHE-070, Scope 5 on July 27, 2016. RUTHE-070, Scope 5 on July 27, 2016 Dam decommissioning request Breach for CLEVE- 047 on August 18, 2016. Cama Rule groundwater monitoring well installation a		Main Dam Completion of repairs Scope 4, Ruthe-070. O72 Instrumentation completion, Cleve-047-049-050 Instrumentation completion, Ruthe-072 IABS Saddle Dam Completion of repair. Install instrumentation inspected in the field and reviewed 9/1/15. 4/7/2016 periodic inspections of CLEVE-047. 49, 50, 53, 54, RUTHE-070, 72. 7/20/2016-CLEVE-050 to observe	6-24-15 Inspections of Cleve-2014-011 SS Decommissioning, minimal exposure, IC, Cleve-2013-025 CCP Landfill Phase 2, IC Ruthe-2009-005 Joint with 2013-025, IC 8-12-15 Cleve-2015-012 RCAB Building Completed project closed. Cliffidide Steam Station Unit 1-4 Ash Basin Dam (CLEVE-047) - Vegetation Removal, AMI Susued (A)(70/25), by If yels And Comersion - Cliffidide, CLEVE-2016-006, A Issued 8/3/2015. Cliffidide Steam Station Unit 1-4 Basin Dam (CLEVE-047) - Vegetation Removal, A-MI Issued 9/11/2015;  Plan review, August 28 Dry Ash ConversionES plan approval Cleve-2016-005. CLEVE-2016-023 Active Ash Basin Alternative Spillwey for Cliffidide Steam Station insued 11/23/2015, September 16, 2015 Active Sediment projects review with Frich Schweiber at Cliffidide facilities. Cliffidide Steam Station Land 1-4 Ash Basin Dam (CLEVE-016-05) Repetation Removal, A-Basin Alternative Spillwey for Cliffidide Steam Station (CLEVE-016-05) Sissued 11/2/20/2515 Sissued 12/2/2015. Barry Sissued 11/2/2016-05 Sissued 11/2/20/2016 Sissued 11/2/20/2016 Sissued 11/2/20/2016 Sissued 11/2/20/2016 Sissued 11/2/20/2016 Sissued 11/2/20/2016 Sissued 11/2/20/2016 Sissued 11/2/20/2016 Sissued 11/2/20/2016 Sissued 11/2/2016 Sissued 11/2/2016 Sissued 11/2/20/2016 Sissued 11/2/20/2016 Sissued 11/2/2016 Sissued Sissued Sissued	e m nit		

5 Dan River Steam Station	Activity performed by MRO staff within the WS-RO region	Stornwater Hearing for SW permit on Sep 8, 2015.  8, 2015.  Pre-Inspection for permit on Aug 2 2015.	or SW					
6 Marchall Steam Station		10/20/2016 nor discharge storn evaluation for Nexos		n	Install Instrumentation Completion Report review comments to Reighbly July 20, 2015. Scope 5 and 6 reviewed on 09/15/2015 and sent comments.	Abbill 92-15 Cataw-054 Instrumentation (Completion. Emergency inspection for self-reported voids at dam toe 10/3/2015. Follow-up inspections 10/4-5/2015. Install instrumentation inspected in the field and reviewed 9/9/15. 3/3/2016 periodic inspection Cata MAV-054. 7/20/2016. As-built Scope 5 (also encompasses area of Scope 3) 10/20/2016 CATAW-054 - built inspection Cata Scope 7, 12/7/2016 CATAW-054 - periodic inspection.	6/15/2015 Cataw-2014-009 Unit 1-4 Downstream erosion request to remove basin (denied due to insufficient groundcover-was not matured enough at this time) 8-13-15 woking on Slope groundcover, 9-2-15 Concrete Flume completed. Site is IC. Marshall Steam Station Gypsum Stackout Modifications, CATAW-2016-003, AVM issued 8/19/2015 and revised 9/11/2015. CATAW-2014-009 Marshall Steam Station Gypsum Stackout Modifications, CATAW-2016-003, Marshall Steam Station in Station Subsurface Exploration (Data Gap Wells) CATAW-2016-010 issued 3/16/2016. Vegetation Maintenance for Closed Ash Landfill Phase 1 & II (Permit ID: 1804-1NDUS-1883) CATAW-2016-009 issued 4/1/2016. 7/1/2016 - CATAW-2016-010 issued 4/1016. OF AIVM-2016-010 issued 4/1016. 7/1/2016 - CATAW-2016-010 issued 4/1016-07 Marshall Steam Station industrial Landfill No. 1 Cells 1-4 issued 11/18/2016. CATAW-2017-011 Marshall Steam Station Geotechnical Investigation issued 12/13/2016. CATAW-2010-000, CATAW-2010-006, CATAW-2012-008, CATAW-2013-501 inspected 12/7/2016 and closed. CATAW-2017-007 and CATAW-2004-047 inspected 12/7/2016, compliant.	
			sit with GASTO-098 Pipe NOD 6/13/14. Staff to GASTO-099 letter 6/13/14. Duk eld telter 6/13/14. Duk eld telter 6/13/14. Duk eld telter 6/13/14. GASTO-099 letter 8/12/14. GASTO-099 letter 8/11/14. Duke letter 8/12/14. GASTO-099.09 NOI 4/14/15. GASTO-099.098. Des NOI 6/14/15. GASTO-099.098. Des Oil 6/14/15. GASTO-099.098. Des Oil 6/14/15. GASTO-099.098. Des Oil 6/14/15. GASTO-099.098. Des Oil 6/14/15. GASTO-099.098. As-built Scope 3	e 999 next annual internal camera inspection due by 3/27/15, with engineer's assessment and copy of video submitted within 30 days. As built and Repair plan for GASTO-098 was completed on June 30, 2016. COAR for Scope 1 Addendum 1 Grouting completion preport on June 30, 2016 for GASTO-098. Annual Pipe system Inspection and Assessment for GASTO-099 completed on June 30, 2016. Dam decommissioning reques on July 22, 2016 for GASTO-099, Replace distressed culvert headwall Scope 2 for	Station letter and plan review and comments to Raleigh. ASATO-997 Personeter installation review and Comments to Raleigh. Repair Plan comments Regarding GASTO-098 to Raleigh. Waiver Requests comments sent to Raleigh on July 22, 2015. Repir plan Addendum Topoe 1 sent comments to Raleigh on Aug. 24, 2015. Install instrumentation reviewed in GHE-9/9/15.	inspections of GASTO-097,098,099. 5/14/15 camera inspection GASTO-099 As-Built inspection for FORD of the Part of Sept. 8, 2015, GASTO-0990 instrumentation completion (Engineers Cert) 8-75-15 GASTO-097.0990 instrumentation completion (Engineers Cert) 8-75-15 GASTO-0995 Secondary Ash Sasin Repair plan Add 1 Scopel. As-built inspection for repair 10/22/2015. Install instrumentation inspected in the field and reviewed 9/9/15. 11/3/2016 - Periodic inspection GASTO-097, 98, 99, 105.		
7 Riverbend Steam Station							October 5. 2015- Inspected Riverbend GASTO-2014-011 &	+
							GASTO-2015-027 after Duke self reported railline	
							improvement slope failure and coal yard off site	
							sedimentation. Both projects were out of complaince in	_
							inspection reports issue October 5, 2105.	_
							November 19, 2015- Follow up inspections for GASTO	_
<u> </u>				1			2014-011 & GASTO-2015-027, both back in compliance.	_
				İ	1		Also, inspected GASTO-2015-011, GASTO-2015-012, GASTO	-
	l l							
							2015-018 and GASTO-2015-022. All were in compliance,	_
								_
							2015-018 and GASTO-2015-022. All were in compliance,	-

							I	
	Raleigh RO DENR/DEMLR Quarterly Report on Coal Ash Manageme							
<del>                                     </del>	June 2014 - December 20			+				
	June 2014 - December 20	16						
				1.5				
	Champion by the first and the	Character List of Innovations - Done Cofety List of Latters	List of Days Cofety, Applications		st of Mining			November 1 - Control Control Control
No Plant Name	Stormwater List of Letters List of Stormwater Applications Stormwater Sent/Received (with Date) Received/Pending Application Status	Stormwater List of Inspections, Dam Safety List of Letters (Date and General Findings) Sent/Received (with Date)	List of Dam Safety Applications Received/Pending Dam Safety Application Status		pplication eceived/Pending	Mine inspections (date and findings)	Sedimentation Inspections	New and/or Revised Erosion & Sedimentation Control
	Sent/Received (with Date) Received/Pending Application Status	(Date and General Findings) Sent/Received (with Date)	Received/Pending Dam Salety Application Status	(Date and General Findings) Re	eceived/Pending	wine inspections (date and findings)	Sedimentation inspections	Plans
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								
		pipe camera inspection; NOR						
		Response received 7/3/14.						
		*NOD 6/26/14 on CHATH-077	*Comments sent to central office					
		pipe camera inspection; NOD	6/24/14. *Follow-up	*10/3/14 inspection around				
		Response received 7/3/14.	letters sent 8/12/14.	Cape Fear Plant reviewing DWR				
		*NOD 6/26/14 on CHATH-078	*Application received 6/5/14 *Under review 8/31/14.	report regarding discharge from				
		pipe camera inspection; NOD	from central office for repairs at Comments discussed with CO	plant and DS turbidity. Report				
		Response received 7/3/14.	CHATH-079. *Follow- 9/2014.	sent to CO 10/6/14.				
		*NOR 6/26/14 on CHATH-079	up Pipe Assessment Reports for *Under review 8/31/14.	*03/17/15 inspection of CHATH-				
		pipe camera inspection; NOR	CHATH-075, CHATH-077, CHATH- Comments discussed with CO	079H; as-built for valve/drain				
		Response received 7/3/14.	078, and CHATH-079 Received. 9/2014. CO response 10/31/14.	installation and general				
		*NOD 8/12/14 on CHATH-075	*Repair Application for CHATH- *Comments discussed with CO	inspection; dam appears to be				
		Follow-up pipe inspection	079 received from central office. 11/2014. *As-Built insp.	stable and in good condition.			9/15/16-CHATH-2017-004/cape fear	
		Report; NOD Response received		*6/10/15 - Inspection of CHATH-			facility temp water (not started);	
			CHATH-079 received 8/8/14 to Repair, Scope 2 by CO 4/1/15.				9/15/16- CHATH-2016-004/1985 Ash	
		on CHATH-077 Follow-up pipe	from central office. *Repair *CHATH-079 Approval to Repair,				pond pipe removal (continue	
		inspection Report; NOD	plans for CHATH-078 and CHATH-Aden. 1, Scope 2 by CO	*6/10/15- inspection of CHATH-			groundcover efforts); 9/15/16-CHATH	
		Response received 8/21/14.	079 received 10/21/14 from 5/8/15.9/15/15-Cape Fear	076. Overall condition still				CHATH-2017-004 (new plan) Cape Fear Facility temp
		*NOD 8/12/14 on CHATH-078	central office. *As-Built Plans 1956/scope 3 Provided	appear stable. Seepage				water treatment system/ approved 8/26/16; CHATH-
		Follow-up pipe inspection	for Phase 1 Modifications at comments to Raleigh central	continues to be monitored at				2017-003 (new plan) Pipe routing for 1978 and 1985
9 Cape Fear Power Station		Report; NOD Response received	CHATH-079 received 1/20/15. office.	AOW S-15.			and stab. 1963 (no problems noted);	basin dewatering/approved 8/16/2016
			*Submittal of Engineering	*6/10/15- inspection of CHATH-				
			Repairs and Slope Stabilization	077. Continues to appear				
			for Cape Fear 1978 Ash Basin	stable. Fiberglass outlet pipe				
			Dam (amended plans replace	requires repair (plan in				
			10/16/14 submittal, CHATH-078	progress). Currently no				
			received 1/27/2015 from Central	problems noted				
			Office. *Submittal of	*6/10/15- inspection of CHATH-				
			Response to Request for	078. Eastern slope scope repair				
			Revision Cape Fear 1978 Ash	in progress. Vegetation				
			Basin Dam (Scope 2) CHATH-078	management continues to				
			received 3/4/2015 from Central	progress. Trash rack not yet				
			Office. 7/29/15 electronic	repaired (rusted/damaged).				
			report received- Cape Fear Ash	7/30/15- risk classification				
			Basin Dams Vegetation Removal -	Assessment inspection of chath-				
			CHATH-075, CHATH-076, CHATH-	075,Chath-076, CHATH-077,				
			077, CHATH-078 8/7/15-	CHATH-078, CHATH-079.				
			CHATH-078 Cape Fear Revision 1	7/30/15 As built inspection for				
			to Scope 1 8-14-15	Repair of Slope CHATH-079.				
			Roxboro West Ash Pond Dam	Slope repair complete.				
			PERSO-038 and West Ash Pond	CHATH-078- rip rap work in				
			South Rock Filter Dam PERSO-	progress, riser not yet repaired.				
			039 Application for Dam	CHATH-077- no change/repair to				
cape fear plant continued			Modification Rev 1 to Scope 1	pipe not started yet.				

		CHATH-075 1956 pond inspect	ed	
		6/16/16-no changes from		
		previous inspection (stable);		
		CHATH-076 1963 pond		
		inspection 6/16/16 stable;		
		CHATH077 1970 pond inspection	on	
		6/16/16-fiberglass pipe has bee	en	
		repaired and area stabilized;		
		CHATH-078 1978 Ash Pond		
		inspection 6/16/2016- 2		
		depressions or mnior slides we		
		observed on upstream face of		
		dam. Miantenance is needed i this location.; CHATH079 1985	n	
		this location.; CHATH079 1985 ash pond dam inspection		
		ash pond dam inspection 6/16/16- riprap reapair area		
		complete and stable. Dam is in		
		good condition. CHATH-080		
		flood control gate inspection		
		6/16/16- no change from revio	us	
cape fear plant continued		inspections.		
1		7/14/16 -COAR certification		
		7/14/16 -COAR certification inpsection- CHATH-079 1985		
		inpsection- CHATH-079 1985 dam Scope 3 close out; 8/3/16	is-	
		inpsection- CHATH-079 1985 dam Scope 3 close out; 8/3/16 COAR certification inspection-		
		inpsection- CHATH-079 1985 dam Scope 3 close out; 8/3/16 COAR certification inspection- Cape Fear 1985 (CHATH-079)		
		inpsection- CHATH-079 1985 dam Scope 3 close out; 8/3/16 COAR certification inspection- Cape Fear 1985 (CHATH-079) Scope 5 remove pipes close ou		
		inpsection- CHATH-079 1985 dam Scope 3 close out; 8/3/16 COAR certification inspection- Cape Fear 1985 (CHATH-079) Scope 5 remove pipes close ou 8/3/16-COAR certification		
		inpsection- CHATH-079 1985 dam Scope 3 close out; 8/3/16 COAR certification inspection- Cape Fear 1985 (CHATH-079) Scope 5 remove pipes close ou 8/3/16-COAR certification inspection- CHATH-076 1963	t:	
		inpsection- CHATH-079 1985 dam Scope 3 close out; 8/3/16 COAR certification inspection- Cape Fear 1985 (CHATH-079) Scope 5 remove pipes close ou 8/3/16-COAR certification inspection- CHATH-076 1963 dam scope 1 close out; 9/15/1	t; 6-	
		inpsection- CHATH-079 1985 dam Scope 3 close out; 8/3/16 COAR certification inspection- Cape Fear 1985 (CHATH-079) Scope 5 remove pipes close ou 8/3/3/16-COAR certification inspection- CHATH-076 1963 dam scope 1 close out; 9/15/1 COAR certification inspection	t; 6-	
		inpsection- CHATH-079 1985 dam Scope 3 close out; 8/3/16 COAR certification inspection- Cape Fear 1985 (CHATH-079) Scope 5 remove pipes close out 8/3/16-COAR certification inspection- CHATH-076 1963 dam scope 1 close out; 9/15/1 COAR certification inspection Cape Fear 1988 dam CHATH-076 CAPE Fear 1988 dam CHATH-076 Cape Fear 1988 dam CHATH-076	t; 6-	
		inpsection- CHATH-079 1985 dam Scope 3 close out; 8/3/16 COAR certification inspection- Cape Fear 1985 (CHATH-079) Scope 5 remove pipes close ou 8/3/16-COAR certification inspection- CHATH-076 1963 dam scope 1 close out; 9/15/1 COAR certification inspection Cape Fear 1978 dam CHATH-07 scope 1, addendum 1 close out	t; 6-	
		inpsection- CHATH-079 1985 dam Scope 3 close out; 8/3/16 COAR certification inspection- Cape Fear 1985 (CHATH-079) Scope 5 remove pipes close out 8/3/16-COAR certification inspection- CHATH-076 1963 dam scope 1 close out; 9/15/1 COAR certification inspection Cape Fear 1978 dam CHATH-07 scope 1, addendum 1 close out 9/15/16 COAR certification close out 9/15/16 COAR certification	t; 6-	
		inpsection- CHATH-079 1985 dam Scope 3 close out; 8/3/16 COAR certification inspection- Cape Fear 1985 (CHATH-079) Scope 5 remove pipes close ou 8/3/16-COAR certification inspection- CHATH-076 1963 dam scope 1 close out; 9/15/1 COAR certification inspection Cape Fear 1978 dam CHATH-07 scope 1, addendum 1 close out 9/15/16 COAR certification inspection, Cape Fear 1985, our propertion of the properties of t	t; 6- 78	
cape fear plant continued		inpsection- CHATH-079 1985 dam Scope 3 close out; 8/3/16 COAR certification inspection- Cape Fear 1985 (CHATH-079) Scope 5 remove pipes close out 8/3/16-COAR certification inspection- CHATH-076 1963 dam scope 1 close out; 9/15/1 COAR certification inspection Cape Fear 1978 dam CHATH-07 scope 1, addendum 1 close out 9/15/16 COAR certification close out 9/15/16 COAR certification	t; 6- 78	
cape fear plant continued		inpsection- CHATH-079 1985 dam Scope 3 close out; 8/3/16 COAR certification inspection- Cape Fear 1985 (CHATH-079) Scope 5 remove pipes close ou 8/3/16-COAR certification inspection- CHATH-076 1963 dam scope 1 close out; 9/15/1 COAR certification inspection Cape Fear 1978 dam CHATH-07 scope 1, addendum 1 close out 9/15/16 COAR certification inspection, Cape Fear 1988 SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	t; 6- 78	
cape fear plant continued		inpsection- CHATH-079 1985 dam Scope 3 close out; 8/3/16 COAR certification inspection- Cape Fear 1985 (CHATH-079) Scope 5 remove pipes close ou 8/3/16-COAR certification inspection- CHATH-076 1963 dam scope 1 close out; 9/15/1 COAR certification inspection Cape Fear 1978 dam CHATH-07 scope 1, addendum 1 close out 9/15/16 COAR certification inspection, Cape Fear 1988 SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	t; 6- 78	
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cape fear plant continued		inpsection- CHATH-079 1985 dam Scope 3 close out; 8/3/16 COAR certification inspection- Cape Fear 1985 (CHATH-079) Scope 5 remove pipes close ou 8/3/16-COAR certification inspection- CHATH-076 1963 dam scope 1 close out; 9/15/1 COAR certification inspection Cape Fear 1978 dam CHATH-07 scope 1, addendum 1 close out 9/15/16 COAR certification inspection, Cape Fear 1988 SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	t; 6- 78	
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cape fear plant continued  10 Sutton Power Station		inpsection- CHATH-079 1985 dam Scope 3 close out; 8/3/16 COAR certification inspection- Cape Fear 1985 (CHATH-079) Scope 5 remove pipes close ou 8/3/16-COAR certification inspection- CHATH-076 1963 dam scope 1 close out; 9/15/1 COAR certification inspection Cape Fear 1978 dam CHATH-07 scope 1, addendum 1 close out 9/15/16 COAR certification inspection, Cape Fear 1988 SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	t; 6- 78	

11 Mayo Power Station	*NOR 6/26/14 on PERSO-03 pipe camera inspection; NOI Response received 7/3/14. *NOD 8/12/14 on PERSO-03 Follow-up pipe inspection Report; NOD Response recei 8/21/14.	Manual Received 5/18/15. 8- 20-15 Mayo Ash Pond Dam PERSO-035 Request for Approval Comments discussed with to Repair - Scope 1 Addendum 1 - 9/2014. CO Response 10/		8/2/16-PERSO-2016-011, Mayo Lake ash basin gw assess, close out; 8/2/16- PERSO-2015-08 Mayo 4 & 6 ist improvements (compliant); 8/2/16- PERSO-2016-08 Mayo Plant ash basin (not started); PERSO-2016-012 Seepage Collection GW assess (close out); 8/2/16- PERSO-Plan, received June 1, 2016 (currently under review) 2016-009 Ash basin remnant pond (close out) Mayo received 9/16/16 (under review) Mayo received 9/16/16 (under review)
Mavo Power Station		9/21/16- Perso-036, May Request for Approval for Installation of Instrument Comments Provided	FGD	
12 Roxboro Power Station	*NOR 6/26/14 on PERSO-03 pipe camera inspection, NOI Response received 7/3/14.  *NOD 8/12/14 on PERSO-03 Follow-up pipe inspection Report; NOD Response recei 8/21/14. *Letter of receipt Roxboro West Ash Basin Dar scopes 1 & 2 PERSO-038 sen CO received 03/05/2016	*Follow-up Pipe Assessment Report for PERSO-039 received 7/25/14. *EAP's for PERSO-038, PERSO- 039, PERSO-040, PERSO-041, and PERSO-042 received from central office. *Repair plan for PERSO-039 received 10/2014 from CO. *Submittal of Engineering Repairs for Roxboro East Ash Basin PERSO-033 report received 3/3/2015. *Submittal of Engineering Repairs for Roxboro West Ash Basin Dam - Scopes 1 & 2 PERSO- 038 received 03/03/2015 from CO. ** Under review 8/31/14. Comments discussed with 10/31/14. Approval is base ived 40/41/3/2015 from CO ** Request for Revision Roxboro 87 87 88 wised 0 &M Manual Received 11/21/14. *Approval to R Revised 0 &M Manual Received 12/11/14. *Approval to R Roxboro PERSO-013 Request for 3/3/30.5. *Approval for *Approval Fixed ** Roxboro PERSO-013 Request for 3/3/30.5. *Approval for ** *Approval for S. ** ** ** ** ** ** ** ** ** ** ** ** **	S   1/3/15- Site wist for Risk	8/2/16- PERSO-2015-006, Rox seam plant ash basin gw assess (close out); 8/2/16- PERSO-2015-008A, Silo 5 Rox dry ash (close out); 8/2/16- PERSO-2016-002, Roxboro Steam Plant Vegetation removal (close out); 8/2/16- PERSO-2016-004, Roxboro Ash Pond H & H limprovements (close out); 9/13/16- PERSO-2016-004, Roxboro Ash Pond H & H limprovements (close out); 9/13/16- PERSO-2016-004; 12/6/2015-Letter of receipt provided for Roxboro Ash Pond H & H limprovement Project Perso 039/PERSO-2016-004; 12/6/2015-Letter of receipt provided for Roxboro Ash Pond H & H limprovement Project (current status-under review)

		09/16/15- PERSO-039 dam	
		inspection; 09/16/15- PERSO040	
		dam inspection;09/16/15-	
		Confirmation of Roxboro COAII	
		Piezometers PERSO-040	
		certification report10/08/15-	
	NOD sent 6/14/16 PERSO-039,	PERSO-013 dam inspection; dam	PERSO-2016-009- East Ash Basin Remnant Pond Ash
	NOI sent 6/14/2016 PERSO-013,	inspections 5/24/16-PERSO-013,	Extent Exploration (ROX-131 plan approved April 4,
	NOI sent 6/14/2016 PERSO-040,	5/24/16 PERSO-040, 5/24/16	2016; PERSO-2015-008 inspection 5/25/16 (continue
	NOI sent 6/14/16 PERSO-041,	PERSO-041, 5/24/16 PERSO-042,	groundcover efforts; PERSO-2016-004 inspected
	NOI sent 6/14/2016 PERSO-042,	5/24/16 PERSO-038, 5/24/16	5/24/16 (not started); PERSO-2016-010 approved April
Roxboro power station contin	NOI sent 6/14/16 PERSO-038	PERSO-039	28, 2016, inspected May 24, 2016 (not started);
		7/27/16- COAR certification	
		inspection, Perso-039, Roxboro	
		west ash south rock dam, scope	
		2 close out; 8/2/16-east Ash	
		Pond South rock Filter Dam	
		PERSO-039 - COARcertification	
		inspection - Scope 2 erosion	
		repairs - close out; 9/13/16-	
		COAR certification inspection-	
		Perso-033, Scope 2, Addendum	
		1, sluice pipe removal close out;	
		9/13/16- COAR certification	PERSO-2017-001 Roxboro WWTP upgrade -approved
Roxboro power station contin		inspection- Perso-039, Scope 1,	8/16/16
13 Weatherspoon Power Station			
15 Weddie Spoot Fower Station			
14 H.F. Lee Power Station			
14 h.r. Lee Power Station			
		sediment controls were not provided	
		in accordance with the current	
		approved plans in the vicinity of the	
		outlet for sediment basin 7. A small	
		amount of off site sediment was	
		observed.	
		7/29/15 -Mine inspection report sent .	
		Request to repair area required.	
		7/30/15-Area reported to be repaired	
		and re-inspected by Land Quality to	
		confirm repair. Adequate repair of	
		slopes in vicinity of basin 7. Site	
		Inspection conducted 10/20/15; Site	
	0/20/2015		
	8/20/2015-received	inspection conducted 11/12/15;	
	24 hour notification	Complaint inspection for land	
	from Brickhaven that	disturbance outside mine limits	
	during a skimmer	11/25/15; NOD issued for land	
	failure,	disturbance activities outlide the mine	
	approximately	limits (rail spur) and notification of	
	20,000 gallons of	intent to enforce 11/25/15; Site	
	water in exceedence	inspection conducted 12/10/15;	
	of NTU standards	inspection 4/19/16- Site was found to	
	was released. The	be compliant; Basin 7 expansion was	
*6/1/15 - NOV issued to Green		complete Maintenance items	
*6/1/15 - NOV issued to Green	riser was blocked *5/29/15 Site inspection at rail	complete. Maintenance items	
Meadow LLC and Moncure	riser was blocked *5/29/15 Site inspection at rail and repairs were spur easement beyond the mine	9/1/2015- Permit needed in previous inspection had	
	riser was blocked *5/29/15 Site inspection at rail		

				9/9/15-Site meeting and inspection. No coal ash construction has started	
	Letter to approve revision of			at this facility as of this date. Some slope repair has been done on slopes previously disturbed by former land	
	certificate of coverage NGG020854 to reflect new			owner (General Shale). No problems noted.12/01/15- Site visit. No coal	
16 Colon Mine permit 53-05	company and/or facility name received 01/02/2015 from Central Office			ash construction has started at this facility as of this date. No change to stie was observed.	

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		Washington RO	DENR/DEMLR Quarterly Report of												
			Ju	ine 2014 -December 20	016										
	Plant Name	Stormwater List of Letters Sent/Received (with Date)	List of Stormwater Applications Received/Pending	Stormwater	Stormwater List of Inspections, (Date and General Findings)	Dam Safety List of Letters Sent/Received (with Date)	List of Dam Safety Applications Received/Pending	Daniel Carlotte Annalisation Change	Dam Safety List of Inspections,	Erosion Control Plan	Sedimentation Inspections				
No	Allen Steam Station	Sent/Received (with Date)	Received/Pending	Application Status	(Date and General Findings)	Sent/Received (with Date)	Received/Pending	Dam Safety Application Status	(Date and General Findings)	Erosion Control Plan	inspections	<del>                                     </del>		 _	$-\!\!\!\!\!-$
												<b> </b>	_	_	
	Belews Creek Steam Station Buck Steam Station										-	<del>                                     </del>		 _	$-\!\!\!\!\!-$
	Cliffside Steam Station				-							-	-	-	
	Dan River Steam Station										-	<del>                                     </del>		 _	$-\!\!\!\!\!-$
											-	<del>                                     </del>		 _	$-\!\!\!\!\!-$
	Marshall Steam Station											ļ			
	Riverbend Steam Station											ļ			
	Asheville Power Station											ļ			
	Cape Fear Power Station											ļ			
10	Sutton Power Station		ļ	ļ	ļ		ļ				ļ				$-\!\!\!\!-\!\!\!\!\!-$
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11	Mayo Power Station			1										1	
- 11	mayo . Swel Station		†		<del> </del>		†				<b>†</b>	<del>                                     </del>	<del>- +</del>	 	$-\!\!\!\!\!-$
l				1										1	
12	Roxboro Power Station			1										1	
	Weatherspoon Power Station		1				1								$\neg$
14	H.F. Lee Power Station					NOI 6/26/14;NOI Response 7/30/14; NOD 8/6/14; NOD Response 8/21/14 (WaRO)	September 8, 2016. WAYNE-032 - Work Completion documentation for Scope 2 received July 18,	022 received 04/06/16. Scope 1 As-built received for WAYNE-022	Scope 1 for WAYNE-022 - As-built	8/18/2015 E&SC Plan Vegetative Slope Stabilization at Active Ash Pond					
						Cooling Lake Dam - Wayne-009 N Active Ash Pond Wayne-022 - NO	NOD, June 1, 2016 (trees on the top DD June 10, 2016 (slope reapir)	of discharge pipe)	045, HF Lee Decommissioning Phase III and Wayne-2016-015 coal Yard Decommissioning & Stockpiles. May 10, 2016 - Coal Yard Stockpill May 10, 2016 - Active ash pond w May 10, 2016 - Vegetation remov	June 14, 2016 Power egetation stabilization al and stabilization, pro	project WAYNE - 2016- oject WAYNE - 2016-01	on of approval w		ndwater a	ssesment plan
									May 10, 2016 - Inactive basin 2 st			014.			
									May 10, 2016 - Groundwater asse	sment, project WAYNE	-2015-042				
-															
					No dam safety or stormeater appl	ications received during the first	half of calendar 2015 (6/12/15)								

											$\overline{}$	$\overline{}$
	Wilmington RO	DENR/DEMLR Quarterly Report or	n Coal Ash Managemen	t Activities due to the ERC							<del></del>	+
	0.1		ne 2014 -December 20									+
o 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)	Sedimentation Inspections	New and/or Revised Erosion & Sedimentation Control Plans		
1 Allen Steam Station												Т
2 Belews Creek Steam Station												
3 Buck Steam Station												Т
4 Cliffside Steam Station												T
5 Dan River Steam Station												T
6 Marshall Steam Station												T
7 Riverbend Steam Station												T
8 Asheville Power Station												T
9 Cape Fear Power Station												T
10 Sutton Power Station	Final Designer's Certification No. SW8 110201 received 6/29/14				NOI 6/17/14; NOI Response 6/27/14	Video of outfall inspection Received 6/11/14		Inspection conducted 3/19/15. Notice of Inspection issued.				
Sutton Power Station					Consultant Engineering Assessment letter 7/25/14; Duke Energy response 7/30/14		July 29 & 30, 2015 vegetation removal application. 9/8/2015 Certificate of Approval issued.	Risk Assessment inspection conducted 9/3/2015. Routine erosion and sediment control inspection 12/3/2015				
Sutton Power Station					NOI 8/5/2014; NOI Response 8/21/14	EAP Received 8/5/14		Routine inspections for dam safety (Certificate of Approval to Repair) and e≻ 12/1/2016				
Sutton Power Station								Hazard Reclassification (both NEWHA-004 & NEWHA-005) 11/6/2014				
11 Mayo Power Station												┙
12 Roxboro Power Station												
13 Weatherspoon Power Station												T
14 H.F. Lee Power Station												T

-	Winston-Colom BO	DENR/DEMI D. Ousetosto Do	ort on Coal Ash Manager	ent Activities due to the ERC			<del>                                     </del>					<del> </del>
	winson-salem ko	DENTY DEWICK Quarterly Re	June 2014 -December	2016		i	<u>t                                      </u>					
	Stormwater List	Letters List of Stormwater Applica	ions Stormwater	Stormwater List of Inspections,	Dam Safety List of Letters	List of Dam Safety Applications				New and/or Revised Erosion & Sedimentation Control		1
No	Plant Name Sent/Received (v	h Date) Received/Pending	Application Statu	s (Date and General Findings)	Sent/Received (with Date)	Received/Pending	Dam Safety Application Status	Dam Safety List of Inspections, (Date and General Findings)	Sedimentation Inspections	Plans		
	Allen Steam Station								Belew's Creek Craig Road Landfill, 9/10/14; Craig Rd. Landfill Exp Const of Ph. 2, 9/10/14; Duke Energy Belews Lake Abi Landfill Intake, 9/10/14; Belews Creek It as Desulfurization, 9/10/14; Belews Creek Steam Station BC-7 Site Imp (ROCKI-2015-006), 3/30/15. Belews Creek Steam Station BC- Site Imp (STOKE-2015-006), 7/9/15; Belews Creek Steam Station BC-6 Site Imp (STOKE-2016-006), 7/9/15; Belews Creek Steam Station BC-7 Site Imp (STOKE-2016-008), 7/9/15; Belews Creek Steam Station BC-7 Site Imp			
2	Blevious Creek Steam Station			Site Vsilt - July 30, 2014 - gathered information in support of future permit application review and give input on question for application submittal. Dan River Combined Cycle Station (Permit #000572) 6/22/2016.		EAP's received for dams at Belevi's lake and Dan River Facilities. Received 471:174.	Review comments submitted to Dam Safety Engineer on N/11/14.	Saddle Dike #2 (STOKE-118), 3/30/15; Duke Energy Belew's Creek Saddle Dike #3 (STOKE-119), 3/30/15; Duke Energy Belew's Creek Ash Basin (STOKE-116), 13/3/15 for emergency repair. Belew's Creek Saddle Dike #3 (STOKE-119), 3/3/16; Duke Energy Belew's Creek Saddle Dike #3 (STOKE-119), 3/3/16; Duke Energy Belew's Creek Saddle Dike #3 (STOKE-119), 3/3/16; Duke Energy Belew's Creek Saddle Dike #3 (STOKE-119), 3/3/16; Duke Energy Belew's Dike Ash Basin (STOKE-118), 3/3/16; Duke Energy Belew's Like Saddle Dike #3 (STOKE-118), 3/3/16; Duke Energy Belew's Like Ash Basin Ash Basin (STOKE-118), 3/3/16; Duke Energy Belew's Like Ash Basin (STOKE-118), 3/3/16; Duke Energy Belew's Like Ash Basin (STOKE-118), 3/3/16; Duke Energy Belew's Like Ash Basin (STOKE-118), 3/3/16; Duke Energy Belew's Like Ash Basin (STOKE-118),	STOKE_015-000, 1731.15; Belevo Cree's Exems Station 6.6 6 Site Impo STOKE_015-000, 1731.15; Belevo's Cree's Read Lundfill (Fig. Contact of the 2, 125 Chapte 1.6 Lundfill (Fig. Contact of the 2, 125 CNEC.012-000, 2007.5; Belevos Cree's Keam Station 16.7 5 Site Impo (STOKE_0100.000, 10), 120/15; Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500, 120/15; Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500, 120/15; Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500, 120/15); Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500, 120/16); Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500, 120/16); Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500, 120/16); Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500, 120/16); 130/16. Date Timery Steam Station 16.7 5 Site Imp (STOKE_0100.500, 120/16); 130/16. Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500.500, 120/16); 130/16. Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500.500, 120/16); 130/16. Belevos Cree's Steam Station 16.7 5 Site Improvements (STOKE_0100.500, 120/16); 130/16. Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500.500); 130/16. Belevos Cree's Steam Station 16.7 5 Site Improvements (STOKE_0100.500); 130/16. Belevos Cree's Steam Station 16.7 5 Site Improvements (STOKE_0100.500); 130/16. Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500); 130/16. Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500); 130/16. Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500); 130/16. Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500); 130/16. Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500); 130/16. Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500); 130/16. Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500); 130/16. Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500); 130/16. Belevos Cree's Steam Station 16.7 5 Site Imp (STOKE_0100.500); 130/16. Belevos Cree's Steam Station 16.7 5 Site Imp	Modifications (STOKE-2016-013) approval 5/14/16. Craig Road and Ash Ventures Road Improvements (STOKE-2017- 006) approval 10/29/16. Closed Pine Hall Road Ash Landfill		
3	Bluck Steam Station											
4	Cliffside Steam Station											
5	Oun River Steam Station			Site Visit - July 3 , 2014 - gathered information in support of future permit application reviews and gapitation reviews and gapitation submittal.				Inspect ROCK-237 for stabilization of pipe repair area, 9/11/14, Dam breach respair area and the Primary Pond Secondary Containment repairs on ROCK-237. It 9/11/14. Inspection of Dam Rever Primary Ash Pond (DCCR-237), Including the 9/11/14. Inspection of Dam Rever Primary Ash Pond (DCCR-237), Including an Dam Annual Pond (DCCR-237), Including Dam Annual Pond (DCCR-237), Including September Pairs Dam Rever Primary Ash Basin (BCCR-237) Imaged Ton September Pairs (APZI). So, Dam Rever Primary Ash Basin (BCCR-237), Imaged concerns, 4/27/15, Dam Rever Primary Ash Basin (BCCR-237), Imaged ton for seepage concerns, 4/27/15, Dam Rever Primary Ash Basin (BCCR-237), Imaged ton Ferral Pond (BCCR-238), 10/27/15 for emergency repairs, Secondary Ash Pond (BCCR-238), 10/27/15 for emergency repairs. Dam Rever Primary Ash Basin (BCCR-238), 17/5/16, Dam Rever Primary Ash Basin (BCCR-237) "As-Built' empections for Scope 4 and Scope 5 repair plans, 9/11/16.	Dake Dan River Phase 1 (this is for the decommissioning of coal plant), 971.174.6, blue Dan River Phase 2 (this is for the decommissioning of coal plant), 971.174.6, blue Dan River Phase 2 (this is for the decommissioning of coal plant), 971.174.6, blue Dan River Phase 2 (this is for the decommissioning of coal plant), 971.174.6, blue Energy Dan River Phase 2 (this is for the plant), 971.174.6, blue Energy Dan River Phase 2 (this is for the P	Dan River Combined Cycle Station Axis Basin Groundwater Assessment (ROCK2-2015-016) plan approval, 47/215; ban River Onsite Grading for Rail Upgrade (ROCK2-2015-017). River Danies Grading for Rail Upgrade (ROCK2-2015-017) plan approval, 47/215; ban River Rail Upgrade on Insplains Property (ROCK2-2015-016) plan approval, 57/415; but River Axis Fall, Axis Excentions (ROCK2-2016-002) approval, 87/215; but be not Rev Raile (Upgrade on Hopkins Property (ROCK2-2015-002) plan revision, 17/2015; ban River Rail Upgrade on Hopkins Property (ROCK2-2015-002) plan revision, 17/2015; ban River Rail Upgrade on Hopkins Property (ROCK2-2015-002) plan revision, 17/2015; ban River Rail Upgrade on Hopkins Property (ROCK2-2015-002) plan revision, 17/2015-003 Station Suburlace & piporation (ROCK2-2015-007) approval 27/21/2015. On River Date Energy 08-10 Scape Repair (ROCK2-2016-019) approval 57/415; ban River Landfill ROCK1-2016-019 approval 57/415; ban River Landfill ROCK1-2016-019 approval 57/415; ban River Landfill ROCK1-2016-019 approval 57/415; ban River Landfill ROCK1-2016-019 approval 57/415; ban River Landfill ROCK1-2016-019 approval 57/415; ban River Landfill ROCK1-2016-019 approval 57/415; ban River Landfill ROCK1-2016-019 approval 57/415; ban River Landfill ROCK1-2016-019 approval 57/415; ban River Landfill ROCK1-2016-019 approval 57/415; ban River Landfill ROCK1-2016-019 approval 57/415; ban River Landfill ROCK1-2016-019 approval 57/415; ban River Rail ROCK1-2016-019 approva		
6	Marshall Steam Station											
7	Riverbend Steam Station											
8	Asheville Power Station											
s	Cape Fear Power Station											

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12	toxboro Power Station						
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