

**Quarterly Report to the
North Carolina General Assembly**

***Coal Combustion Residuals Surface
Impoundments***

3rd Quarter 2019



**NORTH CAROLINA
DEPARTMENT OF ENVIRONMENTAL QUALITY**



NORTH CAROLINA
Environmental Quality

ROY COOPER
Governor

MICHAEL S. REGAN
Secretary

Department of Environmental Quality

Regulatory Background

This report is submitted to meet the requirements of General Statute 130A-309.204, which requires the Department of Environmental Quality to submit quarterly reporting on operations, activities, programs and progress relating to coal combustion residuals surface impoundments. Specifically, General Statute (G.S.) 130A-309.204(a) states:

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. At a minimum, the report shall include information concerning the status of assessment, corrective action, prioritization, and closure for each coal combustion residuals surface impoundment and information on costs connected therewith. The report shall include an executive summary of each annual Groundwater Protection and Restoration Report submitted to the Department by the operator of any coal combustion residuals surface impoundments pursuant to G.S. 130A-309.211(d) and a summary of all groundwater sampling, protection, and restoration activities related to the impoundment for the preceding year. The report shall also include an executive summary of each annual Surface Water Protection and Restoration Report submitted to the Department by the operator of any coal combustion residuals surface impoundments pursuant to G.S. 130A-309.212(e) and a summary of all surface water sampling, protection, and restoration activities related to the impoundment for the preceding year, including the status of the identification, assessment, and correction of unpermitted discharges from coal combustion residuals surface impoundments to the surface waters of the State. The Department shall supplement the written reports required by this subsection with additional written and oral reports as may be requested by the Environmental Review Commission. The Department shall submit the written reports required by this subsection whether or not the General Assembly is in session at the time the report is due.

Report Structure

This report is broken down by North Carolina Department of Environmental Quality Divisions of Water Resources, Waste Management, and Energy, Mineral, and Land Resources. The information provided is either on-going or has occurred since the submittal of the previous quarterly report.



Division of Water Resources

Duke Energy facilities with Surface Impoundments. Division of Water Resources regulates Surface Impoundments in accordance with the Coal Ash Management Act (CAMA) as well as the General Statute 143-215, *Control of Sources of Water Pollution; Permits Required* and State Administrative Code 15A NCAC 2L *Classification and Water Quality Standards Applicable to Groundwaters of the State*.

General Status of Surface Impoundments:

The following are general status notes for all facilities, except where stated.

Corrective Action Status

Individual site-specific status notes included in the next section.

Prioritization and Closure Status [G.S. 130A-309.213]

Currently, all facilities are ranked as high, intermediate, or low priority.

- Facilities classified as high-risk per Session Law 2014-122 Senate Bill 729 Section 3.(b) are:
 - Asheville Steam Station
 - Dan River Combined Cycle Station
 - Riverbend Steam Station
 - L. V. Sutton Energy Complex

High-risk impoundments are required to be closed no later than December 31, 2019. Proposed plans were submitted by December 31, 2016.

- Facilities classified as intermediate-risk per Session Law 2016-95 House Bill 630 Section 3.(a) are:
 - H. F. Lee Energy Complex
 - Cape Fear Steam Electric Plant
 - W. H. Weatherspoon Power Plant

These facilities have also been selected by Duke Energy for beneficiation under G.S. 130A-309.216. The Buck Combined Cycle Station has also been selected by Duke Energy for beneficiation but is currently classified as intermediate risk. Per G.S. 130A-309.216(c), sites selected for ash beneficiation projects shall be closed no later than December 31, 2029.

- Facilities classified as low risk per G.S. 130A-309.213 are:
 - Allen Steam Station
 - Belews Creek Steam Station
 - Buck Combined Cycle Station

- James E. Rogers Energy Complex (formerly Cliffside Steam Station)
- Marshall Steam Station
- Mayo Steam Electric Plant
- Roxboro Steam Electric Plant

On November 13, 2018, DEQ deemed that these facilities are low risk based on criteria under G.S. 130A-309.213(d)(1).

Low-risk impoundments are required to be closed no later than December 31, 2029. A proposed closure plan for low-risk impoundments must be submitted no later than December 31, 2019. Intermediate-risk impoundments are required to be closed no later than December 31, 2024. A proposed closure plan for intermediate-risk impoundments must be submitted no later than December 31, 2019.

General Costs [G.S. 130-309.214(m)]

Costs are required to be included with the site closure plans and corrective action plans.

- Closure plans for the high-risk impoundments were submitted in January 2017 but were deemed incomplete by the DEQ. These plans included general cost estimates and were labeled confidential.
- Updated corrective action plans have yet to be submitted for all facilities.
- Duke Energy provided general costs for closure for the six sites under review in November 2018.

Site Specific Actions of Surface Impoundments

The following site-specific actions and status notes have occurred since the submittal of the previous quarterly report.

Acronyms

The following acronyms may be used in the remaining sections.

- A/M – Approval with Modifications
- BTVs – Background Threshold Values
- CAP – Corrective Action Plan
- COFA – Certificate of Final Approval
- CQA – Construction Quality Assurance
- CSA – Comprehensive Site Assessment
- DEQ – North Carolina Department of Environmental Quality
- DORS – Distribution of Residual Solids
- DWR – Division of Water Resources
- EMC – Environmental Management Commission
- FGD – Flue-gas Desulfurization
- NOD – Notice of Deficiency

- NOI – Notice of Intent
- NPDES – National Pollution Discharge Elimination System
- PTC – Permit to Construct
- PTO – Permit to Operate
- SOC – Special Order by Consent

Allen Steam Station

- Assessment and Corrective Action Status
 - July 15, 2019 – DWR approves Low pH Area Assessment Plan
 - June 25, 2019 – DWR approves Gypsum Pad Assessment Plan
 - June 14, 2019 – Duke Energy submits revised groundwater BTVs. DWR is currently in the process of reviewing the submittal and will provide a response.
 - May 9, 2019 – DEQ revised previous correspondence and reestablished dates for Duke Energy to submit the following with regards to CSAs and CAPs:
 - Updated CAP for the impoundments and other primary and secondary sources (coal pile, retired ash basin and landfill, structural fills, and dry ash storage areas) – March 31, 2020
 - CSA for other primary and secondary sources (gypsum pad) – March 31, 2020
- Closure Status
 - May 9, 2019 – DEQ reestablished Closure Plans to be due December 31, 2019
 - April 1, 2019 – Per 130A-309.214(a)(3), DEQ determined that excavation under 130A-309.214(a)(1) shall be the method of closure for the impoundments.
 - April 26, 2019 – Duke Energy filed an appeal with the Office of Administrative Hearings contesting the closure determination.
 - November 13, 2018 – DEQ deemed that this facility is low risk based on criteria under G.S. 130A-309.213(d)(1). Therefore, the impoundments are required to be closed no later than December 31, 2029. A proposed closure plan must be submitted no later than December 31, 2019.
- NPDES permit NC0004979
 - No update for this quarter.
- SOC S17-009
 - No update for this quarter.

Asheville Steam Electric Plant

- Assessment and Corrective Action Status
 - July 31, 2019 – Received Interim Action Effectiveness Report
 - April 5, 2019 – DEQ reestablished dates for Duke Energy to submit the following with regards to CSAs and CAPs:
 - Updated CSA for impoundments and other primary and secondary sources (coal pile) – June 1, 2020
 - Updated CAP for impoundments and other primary and secondary sources – March 1, 2021

- Closure Status
 - 1964 Basin
 - Excavation of the impoundment in progress.
 - 1982 Basin
 - Impoundment completely excavated.
- NPDES permit NC0000396
 - No update this quarter.
- SOC S17-010
 - No update for this quarter.

Belews Creek Steam Station

- Assessment and Corrective Action Status
 - July 31, 2019 – Received Interim Action Effectiveness Report
 - June 24, 2019 – DWR approves Coal Pile Assessment Plan and Gypsum Pad Assessment Plan
 - June 13, 2019 – Duke Energy submits revised groundwater BTVs. DWR is currently in the process of reviewing the submittal and will provide a response.
 - May 9, 2019 – DEQ revised previous correspondence and reestablished dates for Duke Energy to submit the following with regards to CSAs and CAPs:
 - Updated CAP for impoundments and other primary and secondary sources (Pine Hall Road landfill) – March 31, 2020
 - CSA for other primary and secondary sources (structural fill and coal pile) – March 31, 2020
- Closure Status
 - May 9, 2019 – DEQ revised previous correspondence and reestablished Closure Plan to be due December 31, 2019
 - April 1, 2019 – Per 130A-309.214(a)(3), DEQ determined that excavation under 130A-309.214(a)(1) shall be the method of closure for the impoundments.
 - April 26, 2019 – Duke Energy filed an appeal with the Office of Administrative Hearings contesting the closure determination.
 - November 13, 2018 – DEQ deemed that this facility is low risk based on criteria under G.S. 130A-309.213(d)(1). Therefore, the impoundments are required to be closed no later than December 31, 2029. A proposed closure plan must be submitted no later than December 31, 2019.
- NPDES permit NC0024406
 - March 25, 2019 – Permit was issued and became effective.
- SOC S18-004
 - No update for this quarter.
- SOC S18-009
 - March 21, 2019 – SOC was signed by the Director.

Buck Combined Cycle Station

- Assessment and Corrective Action Status

- April 5, 2019 – DEQ reestablished dates for Duke Energy to submit the following with regards to CSAs and CAPs:
 - Updated CSA for impoundments and other primary and secondary sources (coal pile) – October 1, 2020
 - Updated CAP for impoundments and other primary and secondary sources – July 1, 2021
- Closure Status
 - Per G.S. 130A-309.216, Duke Energy was required to identify, at a minimum, three sites for beneficial reuse. Along with the Cape Fear Steam Electric Plant, H.F. Lee Energy Complex, and the W. H. Weatherspoon Power Plan, the Buck Combined Cycle Station was additionally selected for beneficial reuse. G.S. 130A-309.216(c) states that sites selected for beneficiation projects must close by December 31, 2029.
 - November 13, 2018 – DEQ deemed that this facility is low risk based on criteria under G.S. 130A-309.213(d)(1). However, since Duke Energy selected this site for beneficial reuse, this site does not have to close until December 31, 2029.
- NPDES Permit NC0004774
 - No update for this quarter.
- SOC S18-004
 - No update for this quarter.

Cape Fear Steam Electric Plant

- Assessment and Corrective Action Status
 - April 5, 2019 – DEQ reestablished dates for Duke Energy to submit the following with regards to CSAs and CAPs:
 - Updated CSA for impoundments and other primary and secondary sources (former coal pile storage areas) – September 1, 2020
 - Updated CAP for impoundments and other primary and secondary sources – July 1, 2021
- Closure Status
 - Per G.S. 130A-309.216, Duke Energy was required to identify, at a minimum, three sites for beneficial reuse. The Cape Fear Steam Electric Plant was selected for beneficial reuse. G.S. 130A-309.216(c) states that sites selected for beneficiation projects must close by December 31, 2029.
- NPDES permit NC0003433
 - No update this quarter.
- SOC number unassigned
 - No longer associated with SOC S18-006. Draft SOC has been written and is being reviewed and negotiated.

James E. Rogers Energy Complex (Formerly Cliffside Steam Station)

- Assessment and Corrective Action Status

- June 14, 2019 – Duke Energy submits revised groundwater BTVs. DWR is currently in the process of reviewing the submittal and will provide a response.
- May 9, 2019 – DEQ revised previous correspondence and reestablished dates for Duke Energy to submit the following with regards to CSAs and CAPs:
 - Updated CAP for impoundments and other primary and secondary sources (ash storage areas, new source area east of Unit 6 and west of Suck Creek) – March 31, 2020
 - CSA for other primary and secondary sources (raw coal piles north of Unit 6, switchyard ash disposal area, and gypsum pile) – March 31, 2020
- Closure Status
 - May 9, 2019 – DEQ revised previous correspondence and reestablished Closure Plan to be due December 31, 2019
 - April 1, 2019 – Per 130A-309.214(a)(3), DEQ determined that excavation under 130A-309.214(a)(1) shall be the method of closure for the impoundments.
 - April 26, 2019 – Duke Energy filed an appeal with the Office of Administrative Hearings contesting the closure determination.
 - November 13, 2018 – DEQ deemed that this facility is low risk based on criteria under G.S. 130A-309.213(d)(1). Therefore, the impoundments are required to be closed no later than December 31, 2029. A proposed closure plan must be submitted no later than December 31, 2019.
 - Inactive Units 1-4 are completely excavated. On August 10, 2018, DEQ approved the visual verification of CCR removal.
- NPDES permit NC0005088
 - No update this quarter.
- SOC S17-009
 - No update this quarter.

Dan River Combined Cycle Station

- Assessment and Corrective Action Status
 - April 5, 2019 – DEQ reestablished dates for Duke Energy to submit the following with regards to CSAs and CAPs:
 - Updated CAP for impoundments and other primary and secondary sources (former coal yard) – July 1, 2020
- Closure Status
 - Excavation is complete. On July 31, 2019, DEQ approved the visual verification of CCR removal.
- NPDES permit NC0003468
 - No update this quarter.

H. F. Lee Energy Complex

- Assessment and Corrective Action Status
 - April 5, 2019 – DEQ reestablished dates for Duke Energy to submit the following with regards to CSAs and CAPs:

- Updated CSA for impoundments and other primary and secondary sources (coal staging area, coal pile area, and lay of land area) – October 1, 2020
 - Updated CAP for impoundments and other primary and secondary sources – July 1, 2021
- Closure Status
 - Per G.S. 130A-309.216, Duke Energy was required to identify, at a minimum, three sites for beneficial reuse. The H. F. Lee Energy Complex was selected for beneficial reuse. G.S. 130A-309.216(c) states that sites selected for beneficiation projects must close by December 31, 2029.
- NPDES permit NC0003417
 - July 1, 2019 – Permit was issued and became effective.
- SOC S18-006
 - No update this quarter.

Marshall Steam Station

- Assessment and Corrective Action Status
 - June 14, 2019 – Duke Energy submits revised groundwater BTVs. DWR is currently in the process of reviewing the submittal and will provide a response.
 - May 9, 2019 – DEQ revised previous correspondence and reestablished dates for Duke Energy to submit the following with regards to CSAs and CAPs:
 - Updated CAP for impoundments and other primary and secondary sources (coal pile and gypsum pile) – March 31, 2020
- Closure Status
 - May 9, 2019 – DEQ revised previous correspondence and reestablishes Closure Plan to be due December 31, 2019
 - April 1, 2019 – Per 130A-309.214(a)(3), DEQ determined that excavation under 130A-309.214(a)(1) shall be the method of closure for the impoundments.
 - April 26, 2019 – Duke Energy filed an appeal with the Office of Administrative Hearings contesting the closure determination.
 - November 13, 2018 – DEQ deemed that this facility is low risk based on criteria under G.S. 130A-309.213(d)(1). Therefore, the impoundments are required to be closed no later than December 31, 2029. A proposed closure plan must be submitted no later than December 31, 2019.
- NPDES permit NC0004987
 - No update this quarter.
- SOC S17-009
 - No update this quarter.

Mayo Steam Electric Plant

- Assessment and Corrective Action Status
 - July 15, 2019 – DWR responds to request from Duke Energy stating that an assessment of the Low Volume Waste Ponds is not necessary at this time.
 - June 14, 2019 – DWR approves Gypsum Pile Assessment Plan.

- June 13, 2019 – Duke Energy submits revised groundwater BTVs. DWR is currently in the process of reviewing the submittal and will provide a response.
- May 9, 2019 – DEQ revised previous correspondence and reestablished dates for Duke Energy to submit the following with regards to CSAs and CAPs:
 - Updated CAP for impoundments and other primary and secondary sources (active coal storage pile areas) – March 31, 2020
 - CSA for other primary and secondary sources (gypsum pad and low-volume wastewater pond) – March 31, 2020
- Closure Status
 - May 9, 2019 – DEQ revised previous correspondence and reestablished Closure Plan to be due December 31, 2019
 - April 1, 2019 – Per 130A-309.214(a)(3), DEQ determined that excavation under 130A-309.214(a)(1) shall be the method of closure for the impoundments.
 - April 26, 2019 – Duke Energy filed an appeal with the Office of Administrative Hearings contesting the closure determination.
 - November 13, 2018 – DEQ deemed that this facility is low risk based on criteria under G.S. 130A-309.213(d)(1). Therefore, the impoundments are required to be closed no later than December 31, 2029. A proposed closure plan must be submitted no later than December 31, 2019.
- NPDES permit NC0038377
 - No update this quarter.
- SOC S18-005
 - No update this quarter.

Riverbend Steam Station

- Assessment and Corrective Action Status
 - July 25, 2019 – DWR submits comments to Duke Energy regarding their CCR Visual Verification Report for impoundment.
 - April 5, 2019 – DEQ reestablishes dates for Duke Energy to submit the following with regards to CSAs and CAPs:
 - Updated CAP for impoundments and other primary and secondary sources (coal yard) – May 1, 2020
- Closure Status
 - Excavation at the site is complete.
- NPDES permit NC0004961
 - No update this quarter.
- SOC S16-005
 - No update this quarter.

Roxboro Steam Electric Plant

- Assessment and Corrective Action Status
 - June 14, 2019 – Duke Energy submits revised groundwater BTVs. DWR is currently in the process of reviewing the submittal and will provide a response.

- June 11, 2019 – DWR approves revised Soil Assessment Plan
- May 9, 2019 – DEQ revises previous correspondence and reestablishes dates for Duke Energy to submit the following with regards to CSAs and CAPs:
 - Updated CAP for impoundments and other primary and secondary sources (east and west ash basins extensions and discharge canals) – March 31, 2020
 - CSA for other primary and secondary sources (coal storage area) – March 31, 2020
- Closure Status
 - May 9, 2019 – DEQ revised previous correspondence and reestablished Closure Plan to be due December 31, 2019
 - April 1, 2019 – Per 130A-309.214(a)(3), DEQ determined that excavation under 130A-309.214(a)(1) shall be the method of closure for the impoundments.
 - April 26, 2019 – Duke Energy filed an appeal with the Office of Administrative Hearings contesting the closure determination.
 - November 13, 2018 – DEQ deemed that this facility is low risk based on criteria under G.S. 130A-309.213(d)(1). Therefore, the impoundments are required to be closed no later than December 31, 2029. A proposed closure plan must be submitted no later than December 31, 2019.
- NPDES permit NC0003425
 - Currently in draft and waiting for submission to be re-public noticed.
- SOC S18-005
 - No update this quarter.

L. V. Sutton Energy Complex

- Assessment and Corrective Action Status
 - May 20, 2019 – Received Interim Action Effectiveness Monitoring Report
 - April 5, 2019 – DEQ reestablished dates for Duke Energy to submit the following with regards to CSAs and CAPs:
 - Updated CAP for impoundments and other primary and secondary sources (former ash disposal area, former process area, and former coal stockpile area) – May 1, 2020
- Closure Status
 - Excavation of the 1971 Basin is complete.
 - Excavation at the 1984 site is currently underway.
- NPDES permit NC0001422
 - No update this quarter.

W. H. Weatherspoon Power Plant

- Assessment and Corrective Action Status
 - April 5, 2019 – DEQ reestablished dates for Duke Energy to submit the following with regards to CSAs and CAPs:
 - Updated CSA for impoundments and other primary and secondary sources (coal storage area and cooling pond) – June 1, 2020

- Updated CAP for impoundments and other primary and secondary sources
– March 1, 2021
- Closure Status
 - Per G.S. 130A-309.216, Duke Energy was required to identify, at a minimum, three sites for beneficial reuse. The W. H. Weatherspoon Power Plant was selected for beneficial reuse. G.S. 130A-309.216(c) states that sites selected for beneficiation projects must close by December 31, 2029.
- NPDES permit NC0005363
 - No update this quarter.
- SOC number unassigned
 - No longer associated with SOC S18-006. Draft SOC has been written and is being reviewed and negotiated.

Annual Groundwater Protection and Restoration Report Summary

The Annual Groundwater Protection and Restoration Reports have been uploaded to the [DEQ website](#). Since the reports are very concise, they do not lend themselves to being summarized. The report does, however, summarize all groundwater sampling, protection, and restoration activities related to the impoundment for the preceding year.

Annual Surface Water Protection and Restoration Report Summary

The Annual Surface Water Protection and Restoration Reports have been uploaded to the [DEQ website](#). Since the reports are very concise, they do not lend themselves to being summarized. The report does, however, summarize all groundwater sampling, protection, and restoration activities related to the impoundment for the preceding year.

Division of Waste Management

Allen Steam Station – Gaston County (current coal fired)

- **3612-INDUS-2008: Retired Ash Basin Landfill** (open, double-lined, landfill constructed on top of retired ash basin)
 - Semi-annual leachate sampling results – March 2019, submitted to the Division on June 24, 2019
 - Permit renewal received by the Division on June 10, 2019.
 - Inspected January 23, 2019.

Belews Creek Steam Station – Stokes County (current coal fired)

- **8503-INDUS-1984: Pine Hall Road Landfill (closed, unlined – composite cap system)**
 - Inspected March 19, 2019.
 - Groundwater Assessment
 - No updates at this time – August 23, 2019
- **8504-INDUS-2007: Craig Road Landfill (open, lined)**
 - Division approval of storm water drainage modifications on May 17, 2019.
 - Storm water drainage modifications received by the Division on May 2, 2019.
 - Inspected March 19, 2019.
 - Groundwater Assessment
 - No updates at this time – August 23, 2019
- **8505-INDUS-2008: Flue Gas Desulfurization (FGD) Landfill (open, lined)**
 - Inspected March 19, 2019.
 - Groundwater Assessment
 - No updates at this time – August 23, 2019

Dan River Steam Station – Rockingham County (retired coal-fired plant, converted to combined cycle turbine)

- **7906-INDUS-2016: CCR Landfill (open, lined)**
 - Inspected March 4, 2019.

Mayo Steam Electric Plant – Person County (current coal fired)

- **7305-INDUS-2012: CCR Landfill (open, double lined)**
 - Facility response to NOV on August 5, 2019.
 - PTO reissuance to facility on July 31, 2019.
 - Division approval of Water Quality Report revision on July 30, 2019.
 - Water quality report revision submitted on July 29, 2019.
 - PTO issued to facility for Phase 1 on July 26, 2019.
 - Notification of leachate release on June 12, 2019.
 - Inspected November 28, 2018.
 - Groundwater Assessment
 - No updates at this time – August 23, 2019

Marshall Steam Station – Catawba County (current coal fired)

- **1804-INDUS-1983: Dry Ash Landfill (closed, unlined)**
 - Completion of well access improvements submitted on July 15, 2019.
 - Inspected June 27, 2019.
 - Semiannual Groundwater Monitoring Report submitted on May 27, 2019.
 - Groundwater Assessment
 - No updates at this time – August 23, 2019
- **1809-INDUS: FGD Landfill (closed, lined)**
 - Approval of Updated Water Quality Monitoring Plan on July 24, 2019.
 - Inspected June 27, 2019.
 - Area Sump package report submitted on June 12, 2019.
 - Groundwater Assessment
 - No updates at this time – August 23, 2019
- **1812-INDUS-2008: Industrial Landfill #1 (open, double-lined)**
 - Approval of Soil Sampling and Analysis Work Plan – August 5, 2019 for Landfill Leachate Release on August 7, 2019.
 - Leachate Release Report – August 5, 2019 submitted on August 7, 2019
 - Submittal of Soil Sampling and Analysis Work Plan on August 6, 2019.
 - Notice of grouting of vault near Cell 1 on August 2, 2019.
 - Receipt of Yard Drains – Industrial LF Area Sump report on July 12, 2019.
 - Updates on MAR-145 pond design changes on June 28, 2019.
 - Inspected June 27, 2019.
 - Approval of waste stream modification on June 20, 2019.
 - Request for waste stream modification submitted on June 14, 2019.
 - Permit renewal submitted on June 14, 2019.
 - Submittal of MAR-145 pond design changes on May 3, 2019.
- **Structural Fill CCB0031**
 - Storm water rerouting project is underway, completion scheduled for 2nd quarter 2019
 - Inspected June 27, 2019.

Rogers Energy Complex – Rutherford County

- **8106-INDUS-2009: CCR Landfill (open, lined)**
 - Determination of Completeness – Application Complete for Phases 3 and 4 on June 4, 2019.
 - Inspected January 22, 2019.

Roxboro Steam Electric Plant – Person County (current coal fired)

- **7302-INDUS-1988: CCR Landfill (open, lined, constructed partially on top of retired ash basin)**
 - Inspected October 1, 2018.

Sutton Steam Electric Plant – New Hanover County (retired coal-fired plant, converted to combined cycle turbine)

- **6512-INDUS-2016: CCR Landfill (open, lined)**
 - Approval of closure turf field test pad on July 18, 2019.
 - Closure turf field test pad location report received on July 10, 2019.
 - Thirty-day follow-up report on release received on July 1, 2019.
 - Inspection of Site as response to coal ash release off of line on June 28, 2019.
 - Operations plan – change to contingency plan approved on June 27, 2019.
 - Change to approved plans received on June 10, 2019.
 - Inspection on May 29, 2019.
 - Leakage Rate Exceedance – Repair Documentation Report approved on May 3, 2019.

Landfill Off-Site of Power Industry

Halifax County Industrial Landfill – Halifax County Westmoreland Partners, Roanoke Valley Energy Plant (intermittently active coal-fired plant)

- **4204-INDUS-1994: Halifax County Coal Ash Landfill (open/inactive, lined)**
 - Change to approved plans on August 6, 2019 and approval on August 7, 2019.
 - Ash Monofill and Area 1 CDLF closure meeting on June 28th, 4th and May 7th 2019.
 - Water Quality Monitoring Plan approved on May 23, 2019.
 - Inspection on May 7, 2019.

Duke Facilities without Landfills

Asheville Steam Electric Plant - Buncombe County (Duke Energy submitted plans to convert to combined cycle turbine to the N.C. Utilities Commission for approval in 2015.)

- Zoning permit submitted on July 30, 2019.
- Site Suitability Study Review comments submitted to facility on July 24, 2019.
- Stockpiled soil sampling analytical data submitted on June 28, 2019; response on July 17, 2019.
- PTC application – Determination of Completeness submitted to facility on July 12, 2019.
- Response to Site Suitability Study Comments received on July 15, 2019.
- PTC application submitted on June 14, 2019.
- Water Quality Monitoring Plan submitted on June 14, 2019.
- Stockpiled Soil Sampling Work Plan received on May 31, 2019 and revision on June 19, 2019; approved on June 20, 2019.
- Ash Transportation Information Plan revision received on May 22, 2019.

Buck Steam Station – Rowan County (retired coal-fired plant, converted to combined cycle turbine)

- No updates at this time - August 23, 2019.

Cape Fear Steam Electric Plant – Chatham County (retired coal-fired plant, no electricity production)

- No updates at this time - August 23, 2019.

H.F. Lee Steam Electric Plant – Wayne County (retired coal-fired plant, converted to combined cycle turbine)

- No updates at this time - August 23, 2019.

Riverbend Steam Station – Gaston County (retired coal-fired facility, no electricity)

- Response to comments on CCR visual removal report submitted on July 30, 2019.
- Confirmation of Excavation Requirements submitted to facility on July 25, 2019.
- Ash basin closure soil sampling metals analysis submitted on July 19, 2019.

Weatherspoon Steam Electric Plant – Robeson County (retired coal-fired facility, no electricity)

- No updates at this time - August 23, 2019.

Coal Combustion Product (CCP) Structural Fills - The Section regulates large structural fills (greater than 8,000 tons per acre or 80,000 tons per project) in accordance with CAMA and small structural fills in accordance with 15A NCAC 13B .1700.

Brickhaven No. 2, Mine Track “A,” 1910-STRUC-2015 – Chatham County

- Partial closure notification of sub cell 2a, 5b, and 6a submitted on July 3, 2019.
- Surface water and groundwater assessment request letter to facility on June 21, 2019.

Colon Mine Site – Lee County, 5306-STRUC-2015

- No updates at this time - August 23, 2019.

Inventory of structural fills greater than 10,000 cy, per Session Law 2014 122:

<http://deq.nc.gov/about/divisions/waste-management/solid-waste-section/coal-combustion-byproducts>.

Groundwater assessment and corrective action at structural fills

Roxboro Steam Station Gypsum Storage Pad (CCB0003)

- No updates at this time – August 23, 2019
- Groundwater Assessment
 - No updates at this time – August 8, 2019.

Belews Creek Steam Station Structural Fill (CCB0070)

- No updates at this time – August 23, 2019.
- Groundwater Assessment
 - Approval of structural fill additional assessment work plan on June 17, 2019

Swift Creek in Nash County (CCB0057)

- No updates at this time – August 23, 2019

Arthur's Creek/Henry Long Property in Northampton County (CCB0064)

- DWM site inspection on July 11, 2019.

Historic Ash Management Area

6806-INDUS- Eno Power Plant – historic coal ash storage area

- Facility submitted a revised Site Actions Plan on July 31, 2019
- DWM issued approval of revised Site Actions Plan on August 9, 2019

Division of Energy, Mineral, and Land Resources

Duke and other Company facilities with dams, construction development, industrial activities, and mining operations- The North Carolina Division of Energy, Mineral, and Land Resources regulates industrial coal combustion residual landfills in accordance with CAMA as well as the State Dam Safety Law (NCGS 143-215.23), the Sedimentation Pollution Control Act (NCGS 113A-50), the Mining Act (NCGS 74-46), and the State Stormwater Program under the authority of multiple Session Laws along with their associated Administrative Code.

Allen Steam Station

- Dam Safety – Nothing to Report at this time
- Erosion and Sediment Control and Construction Storm Water– Nothing to Report at this time
- NPDES Storm Water– Nothing to Report at this time

Buck Combined Cycle Station

- Dam Safety
 - 10/16/17 – Received revised submittal to modify the existing spillway and extend the discharge outlet for ROWAN-047 Scope 3 Addendum 2
 - 10/26/17 – Certificate of Approval to Repair issued
 - 06/10/19 – As-Built submittal received
 - 07/02/19 – As-Built inspection performed
 - 07/02/19 – Certificate of Final Approval to Repair issued
 - 01/08/19 – Received revised submittal to install a water treatment system pad electrical distribution line for dewatering for ROWAN-047 Scope 4 and ROWAN-071 Scope 3
 - 01/23/19 – Certificate of Approval to Repair issued
 - 06/10/19 – As-Built submittal received
 - 07/02/19 – As-Built inspection performed
 - 07/02/19 – Certificate of Final Approval to Repair issued
- Erosion and Sediment Control and Construction Storm Water
 - ROWAN-2009-002 – inspection 8/7/2019 – closed
 - ROWAN-2019-005 – inspection 8/7/2019 – closed
 - ROWAN-2018-012 – inspection 8/7/2019 – compliant
 - ROWAN-2019-004 – inspection 8/7/2019 – compliant
 - ROWAN-2019-016 – inspection 8/7/2019 - compliant
- NPDES Storm Water– Nothing to Report at this time

James E. Rogers Energy Complex (Formerly Cliffside Steam Station)

- Dam Safety
CLEVE-050, Cliffside Active Ash Basin Upstream Dam, Repair Plan Scope 2-Tree Wells, received 3/18/19 and commented back 3/28/19.

CLEVE-050, Cliffside Active Ash Basin Upstream Dam, Repair plan received on 7/30/19 and commented back on 8/2/19

- Erosion and Sediment Control and Construction Storm Water
- NPDES Storm Water

Marshall Steam Station

- Dam Safety
 - 04/16/19 – Received submittal for installing a water treatment system pad electrical distribution line for CATAW-054 Scope 8
 - 05/29/19 – Duke and DEQ meet to discuss revisions needed to the submittal
 - 06/10/19 – Received revised submittal
 - 06/11/19 – Certificate of Approval to Repair issued
- Erosion and Sediment Control and Construction Storm Water
 - CATAW-2019-001 – inspection 8/13/2019 – closed
 - CATAW-2018-015 – inspection 8/13/2019 – closed
 - CATAW-2019-017 – inspection 8/13/2019 - compliant
- NPDES Storm Water– Nothing to Report at this time

Riverbend Steam Station

- Dam Safety
- Erosion and Sediment Control and Construction Storm Water
 - GASTO-2015-012 – inspection 8/14/2019 – confirm closure documentation from 3/30/2017
 - GASTO-2017-008 – inspection 8/14/2019 – closed
 - GASTO-2019-009 – inspection 8/14/2019 – closed
 - GASTO-2019-001 – inspection 8/14/2019 – compliant
 - GASTO-2019-023 – inspection 8/14/2019 - compliant
- NPDES Storm Water– Nothing to Report at this time

Belews Creek Steam Station

- Dam Safety
 - 08/31/18 – Received revised submittal for the relocation of an interim groundwater extraction system for STOKE-116 Scope 7
 - 08/31/18 – Certificate of Approval to Repair issued
 - 06/04/19 – Received request for Withdrawal
 - 06/05/19 – Acceptance of Withdrawal request issued
 - 10/24/18 – Received submittal for the installation of a 14” pipe to be sleeved into the existing 21” barrel to support dewatering of the ash basin for STOKE-116 Scope 8
 - 12/27/18 – Certificate of Approval to Repair issued

- 06/04/19 – As-Built submittal received
 - 06/26/19 – As-Built inspection performed
 - 06/27/19 – Certificate of Final Approval to Repair issued
- 08/27/18 – Received submittal for the installation of four CAMA groundwater monitoring wells for STOKE-116
 - 09/04/18 – Certificate of Approval to Install Instrumentation issued
 - 05/14/19 – As-Built submittal received
 - 06/26/19 – As-Built inspection performed
 - 06/27/19 – Certificate of Final Approval to Install Instrumentation issued
- 07/31/19 – Received submittal for the increase in dewatering rate to 1 ft/day to remove water during normal dewatering operations and 2 ft/day after significant storm events for STOKE-116
- 09/27/17 – Received revised submittal of vegetation removal for STOKE-117
 - Scope 3
 - 11/30/17 – Certificate of Approval to Repair issued
 - 12/20/18 – As-Built submittal received
 - 02/19/19 – As-Built inspection performed
 - 03/26/19 – Revision Request issued
 - 05/24/19 – Received response to Revision Request
- 07/11/19 – Received submittal for the installation of three piezometers for STOKE-118
 - 07/22/19 – Certificate of Approval to Install Instrumentation issued
- 11/01/17 – Received submittal for the installation of a monitoring flume at the right groin for ROCKI-236 Scope 1
 - 02/05/18 – Certificate of Approval to Repair issued
 - 03/06/19 – As-Built submittal received
 - 06/26/19 – As-Built inspection performed
 - 06/27/19 – Certificate of Final Approval to Repair issued
- Erosion and Sediment Control and Construction Storm Water
- NPDES Storm Water– Nothing to Report at this time

Dan River Combined Cycle Station

- Dam Safety
 - 12/18/18 – Received a submittal for dam decommissioning sequence C for ROCKI-237 Scope 12 and ROCKI-238 Scope 8
 - 03/22/19 – Received Additional information on submittal
 - 05/08/19 – Revision Request issued
 - 05/10/19 – Certificate of Approval to Modify issued
 -
- Erosion and Sediment Control and Construction Storm Water– Nothing to Report at this time
- NPDES Storm Water– Nothing to Report at this time

L. V. Sutton Energy Complex

- Dam Safety
 - 12/13/17 – Received revised submittal for decommissioning of NEWHA-004 Scope 3
 - 02/07/18 – Certificate of Approval to Breach issued
 - 07/12/19 - As-Built submittal received
 - 07/30/15 – Received submittal for the removal of vegetation for NEWHA-004 Scope 1
 - 09/08/15 – Certificate of Approval to Repair issued
 - 12/18/15 – As-Built submittal received
 - 12/01/16 – As-Built inspection performed
 - 05/03/17 – Certificate of Final Approval to Repair issued
 - 11/28/17 - Received request for Extension
 - 12/06/17 – Certificate of Approval to Repair Extension issued
 - 07/12/19 - As-Built submittal received
- Erosion and Sediment Control and Construction Storm Water– Nothing to Report at this time
- NPDES Storm Water– Nothing to Report at this time

Cape Fear Steam Electric Plant

- Dam Safety
 - 05/07/19 – Received response to an NOD issued 03/19/19 for vegetation to be removed from CHATH-075 Scope 3, CHATH-076 Scope 2, and CHATH-077 Scope 2
 - 07/25/19 – Received submittal for slope repair to restore to design grades for CHATH-075 Scope 5
 - 04/12/19 – Received submittal for the installation of a water treatment system pad electrical distribution line for dewatering for CHATH-079
 - 05/14/19 – Certificate of Approval to Repair issued
- Erosion and Sediment Control and Construction Storm Water– Nothing to Report at this time
 - CHATH-2020-002, Cape Fear 1956 Basin Dike Repair Plan (received 8/7/2019, currently under review)
 - CHATH-2019-009, Cape Fear CCP 1985 Basin Haul Road Design Plan, LOCATION: C P & L Road, Moncure (received 5/29/19, approved with modifications 7/2/19)
- NPDES Storm Water– Nothing to Report at this time

Mayo Steam Electric Plant

- Dam Safety
 - 05/18/18 – Received submittal for the abandonment of a 10-inch minimum flow conduit to be replaced with two siphons across the face of dam for PERSO-034 Scope 2

- 06/12/18 – Certificate of Approval to Repair issued
 - 06/05/19 – Received request for Extension
 - 06/05/19 – Certificate of Approval to Repair Extension issued
- 07/15/19 – Received submittal for the increase in dewatering rate to 1 ft/day to remove water during normal dewatering operations and 2 ft/day after significant storm events for PERSO-035
 - 08/01/19 – Certificate of Approval to Increase Dewatering to 1/ft day issued
- 05/28/19 – Received submittal for the installation of a fence grounding system on the top of dam within a trench for PERSO-049 Scope 2 and PERSO-050 Scope 2
 - 07/24/19 – Certificate of Approval to Repair issued
- Erosion and Sediment Control and Construction Storm Water– Nothing to Report at this time
- NPDES Storm Water– Nothing to Report at this time

Roxboro Steam Electric Plant

- Dam Safety
 - 01/16/19 – Received response to an NOD issued 10/11/18 for cracks on the spillway to be repaired for PERSO-002 Scope 3
 - 05/30/19 – Revision Request issued
 - 07/29/19 – Received revised submittal
 - 07/08/19 – Received submittal for the increase in dewatering rate to 1 ft/day to remove water during normal dewatering operations and 2 ft/day after significant storm events for PERSO-038
 - 07/22/19 – Received submittal for decommissioning and breaching for PERSO-040 Scope 1, PERSO-041 Scope 1, and PERSO-042 Scope 1
 - 06/25/19 – Received submittal for the installation of a fence grounding system on the top of dam within a trench for PERSO-048 Scope 2 and PERSO-047 Scope 2
 - 07/24/19 – Certificate of Approval to Repair issued
- Erosion and Sediment Control and Construction Storm Water– Nothing to Report at this time
 - PERSO-2019-011, Roxboro Off-Site Borrow Source Characterization-GEO tech inv, LOCATION: Dunnaway Road, Semora, Received 6/13/2019, approved 6/28/19
- NPDES Storm Water– Nothing to Report at this time

Brickhaven No 2. Tract “A”

- Dam Safety– Nothing to Report at this time
- Erosion and Sediment Control– Nothing to Report at this time
- Mining– Nothing to Report at this time
- NPDES Storm Water– Nothing to Report at this time

Colon Mine Permit 53-05

- Dam Safety– Nothing to Report at this time

- Erosion and Sediment Control– Nothing to Report at this time
- Mining– Nothing to Report at this time
- NPDES Storm Water– Nothing to Report at this time

W. H. Weatherspoon Power Plant

- Dam Safety
 - 09/13/18 – Received revised submittal for construction of a new spillway for ROBES-004 Scope 1 Addendum 1
 - 10/02/18 – Certificate of Approval to Modify issued
 - 05/24/19 – Received change of EOR request
 - 05/28/19 – Change of EOR approval issued
 - 01/10/17 – Received submittal for installation of CAMA groundwater monitoring wells for ROBES-004
 - 01/12/17 – Certificate of Approval to Install Instrumentation issued
 - 06/13/19 – As-Built submittal received
 - 08/09/18 – Received submittal for removal of a 12” sluice line for ROBES-009 Scope 8
 - 10/29/18 – Revision Request issued
 - 01/23/19 – Received response to Revision Request
 - 03/04/19 – Certificate of Approval to Repair issued
 - 06/26/19 – As-Built submittal received
- Erosion and Sediment Control and Construction Storm Water– Nothing to Report at this time
- NPDES Storm Water– Nothing to Report at this time

H.F. Lee Energy Complex

- Dam Safety
 - 07/31/17 – Received submittal for the point repair of an outlet pipe for WAYNE-009 Scope 5
 - 10/26/17 – Certificate of Approval to Repair issued
 - 03/19/18 – As-Built submittal received
 - 04/05/18 – As-Built inspection performed
 - 04/10/18 – Revision Request/NOI issued
 - 07/30/18 – As-Built submittal received
 - 05/07/19 – As-Built inspection performed
 - 07/09/19 – Certificate of Final Approval to Repair issued
 - 05/28/19 – Received submittal for the repair of a seep on the downstream toe of dam for WAYNE-009 Scope 6
 - 07/17/19 – Revision Request issued
 - 07/02/19 – Received submittal for the removal of two pipes and improvement of the haul road in anticipation of beneficial reuse activities for WAYNE-022 Scope 5
- Erosion and Sediment Control and Construction Storm Water

- E&S application for WAYNE-2019-032 “HF Lee 1982 Ash Basin Haul Road Improvements” May 30, 2019, approved June 20, 2019;
- NPDES Storm Water– Nothing to Report at this time

Asheville Steam Electric Plant

- Dam Safety
 - 8/29/18 – Received revised submittal for installing an 8” toe drain system to connect to the 10” outlet for BUNCO-088 Scope 5
 - 08/30/19 – Certificate of Approval to Repair issued
 - 05/21/19 – Duke and DEQ meet to discuss revisions to the As-Built submittal for this project
 - 05/01/19 – Received submittal for repairing the existing concrete ditch and replacing the concrete end section adjacent to the spillway for BUNCO-088 Scope 7 Addendum 1
 - 07/18/19 – Revision Request issued
 - 03/19/19 – Received submittal for decommissioning and breaching for BUNCO-097 Scope 8.
 - 07/26/19 – Revision Request issued
- Erosion and Sediment Control and Construction Storm Water– Nothing to Report at this time
- NPDES Storm Water– Nothing to Report at this time

Dam Status

Plant Name	NAME	NC STATE-ID	DAM STATUS
Allen Steam Station	Allen Active Ash Basin Dam	GASTO-061	ACTIVE
Allen Steam Station	Allen Inactive Ash Basin Dam	GASTO-016	INACTIVE
Allen Steam Station	Allen Retention Basin Dam	GASTO-324	ACTIVE
Asheville Steam Electric Plant	Lake Julian Dam	BUNCO-088	ACTIVE
Asheville Steam Electric Plant	Asheville 1982 Ash Pond Dam	BUNCO-089	DECOMISSIONED
Asheville Steam Electric Plant	Asheville 1964 Ash Pond Dam	BUNCO-097	ON-GOING DECOMISSION
Asheville Steam Electric Plant	Asheville Lined Retention Basin Dam	BUNCO-TBD	ON-GOING CONSTRUCTION
Belews Creek Steam Station	Belews Creek Active Ash Basin Dam	STOKE-116	ACTIVE
Belews Creek Steam Station	Belews Lake Dam	ROCKI-236	ACTIVE
Belews Creek Steam Station	Belews Lake Saddle Dike #1 Dam	STOKE-117	ACTIVE
Belews Creek Steam Station	Belews Lake Saddle Dike #2 Dam	STOKE-118	ACTIVE

Belews Creek Steam Station	Belews Lake Saddle Dike #3 Dam	STOKE-119	ACTIVE
Belews Creek Steam Station	Belews Lake Saddle Dike #4 Dam	ROCKI-235	ACTIVE
Belews Creek Steam Station	Belews Creek Chemical Pond Dam	STOKE-115	ACTIVE
Belews Creek Steam Station	Belews Creek Retention Basin Dam	STOKE-121	ACTIVE
Belews Creek Steam Station	Belews Creek Holding Basin Dam	STOKE-120	ACTIVE
Belews Creek Steam Station	Belews Creek South Coal Pile Dam	STOKE-TBD	ACTIVE
Belews Creek Steam Station	Belews Creek North Coal Pile Dam	STOKE-TBD	ACTIVE
Buck Combined Cycle Station	Buck Main Ash Basin Dam	ROWAN-047	ACTIVE
Buck Combined Cycle Station	Buck Ash Basin #1 Dam	ROWAN-068	ACTIVE
Buck Combined Cycle Station	Buck Basin #1 to Basin #2 Dam	ROWAN-069	ACTIVE
Buck Combined Cycle Station	Buck Basin #2 to Basin #3 Dam	ROWAN-070	ACTIVE
Buck Combined Cycle Station	Buck Ash Basin Divider Dam	ROWAN-071	ACTIVE
Buck Combined Cycle Station	Buck Fuel Containment Dam	ROWAN-072	DECOMISSIONED
Buck Combined Cycle Station	Buck Beneficial Ash Wet Pond	ROWAN-TBD	ACTIVE
Buck Combined Cycle Station	Buck Beneficial Ash Dry Pond	ROWAN-TBD	ACTIVE
Cape Fear Steam Electric Plant	Buckhorn Lake Dam	CHATH-022	ACTIVE
Cape Fear Steam Electric Plant	Cape Fear 1956 Ash Pond Dam	CHATH-075	INACTIVE
Cape Fear Steam Electric Plant	Cape Fear 1963 Ash Pond Dam	CHATH-076	INACTIVE
Cape Fear Steam Electric Plant	Cape Fear 1970 Ash Pond Dam	CHATH-077	INACTIVE
Cape Fear Steam Electric Plant	Cape Fear 1978 Ash Pond Dam	CHATH-078	INACTIVE
Cape Fear Steam Electric Plant	Cape Fear 1985 Ash Pond Dam	CHATH-079	ACTIVE
Cape Fear Steam Electric Plant	Cape Fear Flood Control Dam	CHATH-080	ACTIVE
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside River Dam	CLEVE-053	ACTIVE
James E. Rogers Energy Complex	Cliffside Inactive Ash Basin #5 Main Dam	RUTHE-070	INACTIVE

(Cliffside Steam Station)			
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside Inactive Ash Basin #5 Saddle Dam	RUTHE-072	INACTIVE
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside Active Ash Basin Upstream Dam	CLEVE-050	ACTIVE
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside Active Ash Basin Downstream Dam	CLEVE-049	ACTIVE
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside Retention Basin Dam (Formerly Inactive Ash Basin #1-4 Main Dam)	CLEVE-047	ACTIVE
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside Active Ash Basin Internal Dam	CLEVE-054	ACTIVE
Dan River Combined Cycle Station	Dan River Active Primary Ash Basin Dam	ROCKI-237	ON-GOING DECOMISSIONING
Dan River Combined Cycle Station	Dan River Active Secondary Ash Basin Dam	ROCKI-238	ON-GOING DECOMISSIONING
Dan River Combined Cycle Station	Dan River Service Water Settling Pond Dam	ROCKI-241	ACTIVE
Dan River Combined Cycle Station	Dan River Low Head Diversion Dam	ROCKI-239	ACTIVE
H.F. Lee Energy Complex	H.F. Lee Cooling Lake Dam	WAYNE-009	ACTIVE
H.F. Lee Energy Complex	H.F. Lee Active Ash Basin Dam	WAYNE-022	ACTIVE
H.F. Lee Energy Complex	H.F. Lee Inactive Ash Basin 1 Dam	WAYNE-031	INACTIVE
H.F. Lee Energy Complex	H.F. Lee Inactive Ash Basin 2 Dam	WAYNE-032	INACTIVE
H.F. Lee Energy Complex	H.F. Lee Inactive Ash Basin 3 Dam	WAYNE-033	INACTIVE
H.F. Lee Energy Complex	H.F. Lee Permanent Stormwater Pond Dam	WAYNE-TBD	ACTIVE
H.F. Lee Energy Complex	H.F. Lee Triangular Pond Dam	WAYNE-034	DECOMISSIONED
Marshall Steam Station	Marshall Active Ash Basin Dam	CATAW-054	ACTIVE
Marshall Steam Station	Marshall Retention Basin Dam	CATAW-076	ACTIVE
Marshall Steam Station	Marshall Holding Basin Dam	CATAW-075	ACTIVE
Marshall Steam Station	Marshall West Temporary SWP	CATAW-TBD	ACTIVE
Marshall Steam Station	Marshall East Temporary SWP	CATAW-TBD	ACTIVE

Mayo Steam Electric Plant	Mayo Lake Dam	PERSO-034	ACTIVE
Mayo Steam Electric Plant	Mayo Active Ash Pond Dam	PERSO-035	ACTIVE
Mayo Steam Electric Plant	Mayo FGD Settling Pond Dam	PERSO-036	ACTIVE
Mayo Steam Electric Plant	Mayo FGD Flush Pond Dam	PERSO-037	ACTIVE
Mayo Steam Electric Plant	Mayo Coal Pile Dam	PERSO-046	ACTIVE
Mayo Steam Electric Plant	Mayo FGD Settling Basin Dam	PERSO-049	ACTIVE
Mayo Steam Electric Plant	Mayo Retention Basin Dam	PERSO-050	ACTIVE
Riverbend Steam Station	Riverbend Active Primary Ash Basin Dam	GASTO-097	ON-GOING DECOMISSIONING
Riverbend Steam Station	Riverbend Active Secondary Ash Basin Dam	GASTO-098	ON-GOING DECOMISSIONING
Riverbend Steam Station	Riverbend Intermediate Dam	GASTO-099	DECOMISSIONED
Riverbend Steam Station	Riverbend Fuel Containment Dam	GASTO-105	DECOMISSIONED
Roxboro Steam Electric Plant	Lake Hyco Dam	PERSO-002	ACTIVE
Roxboro Steam Electric Plant	Roxboro Afterbay Dam Reservoir	PERSO-013	ACTIVE
Roxboro Steam Electric Plant	Roxboro West Ash Basin Dam	PERSO-038	ACTIVE
Roxboro Steam Electric Plant	Roxboro West Ash Basin Rock Filter Dam	PERSO-039	ACTIVE
Roxboro Steam Electric Plant	Roxboro West FGD Settling Pond Dam	PERSO-040	ACTIVE
Roxboro Steam Electric Plant	Roxboro East FGD Settling Pond Dam	PERSO-041	ACTIVE
Roxboro Steam Electric Plant	Roxboro FGD Forward Flush Pond Dam	PERSO-042	ACTIVE
Roxboro Steam Electric Plant	Roxboro East Ash Basin Dam	PERSO-033	ACTIVE
Roxboro Steam Electric Plant	Roxboro Intake Pond Dam	PERSO-043	ACTIVE
Roxboro Steam Electric Plant	Roxboro Retention Basin Dam	PERSO-048	ACTIVE
Roxboro Steam Electric Plant	Roxboro Holding Basin Dam	PERSO-047	ACTIVE
L. V. Sutton Energy Complex	Sutton 1984 Ash Basin Dam	NEWHA-005	ON-GOING DECOMISSION
L. V. Sutton Energy Complex	Sutton 1971 (1983) Ash Basin Dam	NEWHA-004	DECOMISSIONED
L. V. Sutton Energy Complex	Sutton 1972 Cooling Lake Dam	NEWHA-003	ACTIVE

W. H. Weatherspoon Power Plant	Weatherspoon Cooling Lake Dam	ROBES-004	ACTIVE
W. H. Weatherspoon Power Plant	Weatherspoon 1979 Ash Basin Dam	ROBES-009	ACTIVE