

North Carolina Department of Environmental Quality

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

October 27, 2015

MEMORANDUM

TO: HOUSE AND SENATE MEMBERS WITH COAL ASH PONDS IN THEIR DISTRICTS

FROM: Matthew Dockham
Director of Legislative Affairs

SUBJECT: Coal Combustion Residuals Surface Impoundment in Member's Districts

DATE: October 27, 2015

Pursuant to S.L. 2014-122, Section 3(a), "on or before October 1 of each year, the Department shall report to each member of the General Assembly who has a coal combustion residuals surface impoundment in the member's district. This report shall include the location of each impoundment in the member's district, the amount of coal combustion residuals known or believed to be located in the impoundment, the last action taken at the impoundment, and the date of that last action." Upon review, there were no changes between the 2014 annual report and the 2015 annual report. The attached report satisfies this reporting requirement.

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

cc: Tom Reeder, Assistant Secretary for Environment, NCDEQ
Jay Zimmerman, Director of Water Resources, NCDEQ

North Carolina Department of Environment and Natural Resources

Division of Water Resources

Annual Coal Ash Report to the General Assembly October 1, 2014

This report is submitted to meet the requirements of Senate Bill 729, Section 3(a) which requires annual reporting on coal combustion residuals surface impoundments in North Carolina.

Coal Ash Ponds by NC House Districts				
NC House District	Facility	Ash Pond Name	Status*	Aug 2014 ash inventory as per Duke (tons)**
2	Mayo Power Station	Mayo Ash Pond	Active	6,900,000
2	Roxboro Power Station	Roxboro West Ash Pond	Active	7,310,000
2	Roxboro Power Station	Roxboro East Ash Pond	Inactive	9,130,000
4	Lee Power Station	H.F. Lee Active Ash Pond	Inactive	4,590,000
4	Lee Power Station	H.F. Lee Ash Polishing Pond	Inactive	9,000
10	Lee Power Station	H.F. Lee Ash Pond 1 (Inactive)	Inactive	190,000
10	Lee Power Station	H.F. Lee Ash Pond 2 (Inactive)	Inactive	440,000
10	Lee Power Station	H.F. Lee Ash Pond 3 (Inactive)	Inactive	670,000
18	Sutton Power Station	Sutton 1971 Ash Pond	Inactive	3,540,000
18	Sutton Power Station	Sutton 1984 Ash Pond	Inactive	2,780,000
46	Weatherspoon Power Station	Weatherspoon 1979 Ash Pond	Inactive	1,700,000
54	Cape Fear Power Station	Cape Fear 1956 Ash Pond (Inactive)	Inactive	420,000
54	Cape Fear Power Station	Cape Fear 1963 Ash Pond (Inactive)	Inactive	760,000
54	Cape Fear Power Station	Cape Fear 1970 Ash Pond (Inactive)	Inactive	840,000
54	Cape Fear Power Station	Cape Fear 1978 Ash Pond	Inactive	830,000
54	Cape Fear Power Station	Cape Fear 1985 Ash Pond	Inactive	2,820,000
65	Dan River Power Station	Dan River Active Primary Ash Basin	Inactive	960,000
65	Dan River Power Station	Dan River Active Secondary Ash Basin	Inactive	210,000
76	Buck Power Station	Buck Steam Station Basin 1	Inactive	2,840,000
76	Buck Power Station	Buck Steam Station Basin 2	Inactive	1,950,000
76	Buck Power Station	Buck Steam Station Basin 3	Inactive	270,000
89	Marshall Steam Station	Marshall Active Ash Basin	Active	22,270,000
91	Belews Creek Steam Station	Belews Creek Active Ash Basin	Active	12,610,000
108	Riverbend Power Station	Riverbend Active Ash Basin 1	Inactive	2,050,000
108	Riverbend Power Station	Riverbend Active Ash Basin 2	Inactive	680,000
109	Allen Power Station	Allen Active Ash Basin	Active	7,660,000
109	Allen Power Station	Allen Retired Ash Basin	Inactive	3,920,000
111	Cliffside Power Station	Cliffside Active Ash Basin	Active	5,410,000
111	Cliffside Power Station	Cliffside Inactive Ash Basin 1-4	Inactive	320,000
112	Cliffside Power Station	Cliffside Inactive Ash Basin #5	Inactive	810,000
116	Asheville	Asheville 1982 Ash Pond	Inactive	800,000
116	Asheville	Asheville 1964 Ash Pond	Active	2,200,000

107,889,000

* = Active: receiving either sluiced fly ash or bottom ash, Inactive: NOT receiving sluiced fly ash or bottom ash

**= Quantities subject to change based on continuing ash production and ash excavation, as applicable. In addition, detailed in-situ field data acquisition and analysis in support of ash basin closure planning may yield revised ash quantities.

Coal Ash Ponds by NC Senate Districts				
NC Senate District	Facility	Ash Pond Name	Status*	Aug 2014 ash inventory as per Duke (tons)**
7	Lee Power Station	H.F. Lee Ash Pond 1 (Inactive)	Inactive	190,000
7	Lee Power Station	H.F. Lee Ash Pond 2 (Inactive)	Inactive	440,000
7	Lee Power Station	H.F. Lee Ash Pond 3 (Inactive)	Inactive	670,000
7	Lee Power Station	H.F. Lee Active Ash Pond	Inactive	4,590,000
7	Lee Power Station	H.F. Lee Ash Polishing Pond	Inactive	9,000
9	Sutton Power Station	Sutton 1971 Ash Pond	Inactive	3,540,000
9	Sutton Power Station	Sutton 1984 Ash Pond	Inactive	2,780,000
13	Weatherspoon Power Station	Weatherspoon 1979 Ash Pond	Inactive	1,700,000
22	Mayo Power Station	Mayo Ash Pond	Active	6,900,000
22	Roxboro Power Station	Roxboro West Ash Pond	Active	7,310,000
22	Roxboro Power Station	Roxboro East Ash Pond	Inactive	9,130,000
23	Cape Fear Power Station	Cape Fear 1956 Ash Pond (Inactive)	Inactive	420,000
23	Cape Fear Power Station	Cape Fear 1963 Ash Pond (Inactive)	Inactive	760,000
23	Cape Fear Power Station	Cape Fear 1970 Ash Pond (Inactive)	Inactive	840,000
23	Cape Fear Power Station	Cape Fear 1978 Ash Pond	Inactive	830,000
23	Cape Fear Power Station	Cape Fear 1985 Ash Pond	Inactive	2,820,000
26	Dan River Power Station	Dan River Active Primary Ash Basin	Inactive	960,000
26	Dan River Power Station	Dan River Active Secondary Ash Basin	Inactive	210,000
30	Belews Creek Steam Station	Belews Creek Active Ash Basin	Active	12,610,000
34	Buck Power Station	Buck Steam Station Basin 1	Inactive	2,840,000
34	Buck Power Station	Buck Steam Station Basin 2	Inactive	1,950,000
34	Buck Power Station	Buck Steam Station Basin 3	Inactive	270,000
42	Marshall Steam Station	Marshall Active Ash Basin	Active	22,270,000
43	Allen Power Station	Allen Active Ash Basin	Active	7,660,000
43	Allen Power Station	Allen Retired Ash Basin	Inactive	3,920,000
44	Riverbend Power Station	Riverbend Active Ash Basin 1	Inactive	2,050,000
44	Riverbend Power Station	Riverbend Active Ash Basin 2	Inactive	680,000
46	Cliffside Power Station	Cliffside Active Ash Basin	Active	5,410,000
46	Cliffside Power Station	Cliffside Inactive Ash Basin 1-4	Inactive	320,000
47	Cliffside Power Station	Cliffside Inactive Ash Basin #5	Inactive	810,000
48	Asheville	Asheville 1982 Ash Pond	Inactive	800,000
48	Asheville	Asheville 1964 Ash Pond	Active	2,200,000

107,889,000

* = Active: receiving either sluiced fly ash or bottom ash, Inactive: NOT receiving sluiced fly ash or bottom ash
 **= Quantities subject to change based on continuing ash production and ash excavation, as applicable. In addition, detailed in-situ field data acquisition and analysis in support of ash basin closure planning may yield revised ash quantities.

Summary of Last Action Taken		
Ash Pond Name	Last action taken	Date of last action
Allen Active Ash Basin	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Allen Retired Ash Basin	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Asheville 1982 Ash Pond	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Asheville 1964 Ash Pond	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Belews Creek Active Ash Basin	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Buck Steam Station Basin 1	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Buck Steam Station Basin 2	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Buck Steam Station Basin 3	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Cape Fear 1956 Ash Pond (Inactive)	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Cape Fear 1963 Ash Pond (Inactive)	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Cape Fear 1970 Ash Pond (Inactive)	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Cape Fear 1978 Ash Pond	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Cape Fear 1985 Ash Pond	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Cliffside Active Ash Basin	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Cliffside Inactive Ash Basin #5	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Cliffside Inactive Ash Basin 1-4	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Dan River Active Primary Ash Basin	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Dan River Active Secondary Ash Basin	Water Supply Well Survey, Groundwater Assessment Plan	In progress
H.F. Lee Ash Pond 1 (Inactive)	Water Supply Well Survey, Groundwater Assessment Plan	In progress
H.F. Lee Ash Pond 2 (Inactive)	Water Supply Well Survey, Groundwater Assessment Plan	In progress
H.F. Lee Ash Pond 3 (Inactive)	Water Supply Well Survey, Groundwater Assessment Plan	In progress
H.F. Lee Active Ash Pond	Water Supply Well Survey, Groundwater Assessment Plan	In progress
H.F. Lee Ash Polishing Pond	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Marshall Active Ash Basin	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Mayo Ash Pond	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Riverbend Active Ash Basin 1	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Riverbend Active Ash Basin 2	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Roxboro West Ash Pond	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Roxboro East Ash Pond	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Sutton 1971 Ash Pond	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Sutton 1984 Ash Pond	Water Supply Well Survey, Groundwater Assessment Plan	In progress
Weatherspoon 1979 Ash Pond	Water Supply Well Survey, Groundwater Assessment Plan	In progress



























