# GENERAL ASSEMBLY OF NORTH CAROLINA SESSION 2013

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### **SENATE BILL 729**

Short Title:	Governor's Coal Ash Action Plan.	(Public)
Sponsors:	Senators Apodaca, Berger (Primary Sponsors); Tucker.	Allran, Daniel, Pate, Tarte, and
Referred to:	Agriculture/Environment/Natural Resources.	

### May 15, 2014

#### A BILL TO BE ENTITLED

2 AN ACT TO (1) CHANGE NOTIFICATION REQUIREMENTS APPLICABLE TO 3 DISCHARGES OF WASTEWATER; (2) ESTABLISH COAL COMBUSTION PRODUCTS IMPOUNDMENT WATER MONITORING PROGRAM; (3) IDENTIFY 4 5 AND ADDRESS UNPERMITTED WASTEWATER DISCHARGES AT COAL COMBUSTION PRODUCTS IMPOUNDMENT SITES; (4) AMEND S.L. 2009-390; (5) 6 7 REQUIRE EMERGENCY ACTION PLANS FOR HIGH AND INTERMEDIATE 8 HAZARD DAMS; (6) CHANGE NOTIFICATION REQUIREMENTS APPLICABLE TO 9 DAM REPAIRS; (7) INCREASE COAL COMBUSTION PRODUCTS IMPOUNDMENT 10 INSPECTION REOUREMENTS: (8) MODIFY THE DEFINITION OF SOLID WASTE TO INCLUDE REMOVED COMBUSTION PRODUCTS; (9) PLACE A TEMPORARY 11 12 MORATORIUM ON THE USE OF COAL COMBUSTION PRODUCTS AS 13 STRUCTURAL FILL; AND (10) ESTABLISH REQUIREMENTS FOR COAL COMBUSTION PRODUCTS IMPOUNDMENT CLOSURE. 14

Whereas, the issue of coal ash storage has not been adequately addressed in NorthCarolina for more than six decades; and

Whereas, on February 2, 2014, an estimated 39,000 tons of coal ash was released into the Dan River following the failure of a stormwater pipe under a utility coal ash impoundment pond in Eden, North Carolina; and

Whereas, the Department of Environment and Natural Resources ("Department") finds that coal combustion products have settled into the sediment of the river bottom and will require an extensive clean-up plan to complete remediation; and

Whereas, the Department is in the process of reassessing previous efforts at achieving compliance at coal ash facilities and developing short term and long term policies in light of the Dan River spill, violations discovered in light of increased inspections of coal combustion products disposal facilities and anticipated new federal regulations on coal combustion products; and

- Whereas, it is the intent of the Department to ensure that spills of wastewater are reported to the Department in a defined and adequate time frame; and
- 30 Whereas, it is the intent of the Department to protect surface water and groundwater 31 resources for their best usage; and
- Whereas, it is the intent of the Department to ensure that all unpermitted wastewater discharges are eliminated or addressed in an environmentally responsible manner; and



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Whereas, it is the intent of the Department to equally subject all dams under 1 2 jurisdiction of G.S. 143-215.23 to the requirements of statute and administrative code; and 3 Whereas, it is the intent of the Department for the owners of all dams under 4 jurisdiction of G.S. 143-215.23 deemed intermediate and high hazard by the Department to 5 prepare at their own cost documents that describe full and adequate response to emergency 6 situations at their dams and to submit those documents to the Department; and 7 Whereas, it is the intent of the Department to ensure that emergency situations 8 at dams are reported to the Department in a defined and adequate time frame; and 9 Whereas, the it is the intent of the Department to increase oversight of dam 10 structure integrity to protect the health and safety of the public; and 11 Whereas, state law exempts coal combustion products removed from 12 impoundments from being defined as a solid waste; and 13 Whereas, the Department finds that consistent environmental standards should 14 apply to coal combustion products removed from impoundments for management or 15 disposal and coal combustion products managed or disposed of as a solid waste; and 16 Whereas, the Department finds the federal Environmental Protection Agency is 17 under consent decree to complete new regulations by December 2014 for coal combustion 18 products that are proposed to bring consistency to requirements for large fills such as structural 19 fills and landfills; and 20 Whereas, the Department finds that conversion and closure of coal ash storage 21 ponds is necessary for protection of the health and safety of the public; Now, therefore, 22 The General Assembly of North Carolina enacts: 23 24 PART I. NOTIFICATION REQUIREMENTS APPLICABLE TO DISCHARGES OF 25 WASTEWATER 26 SECTION 1. G.S. 143-215.1C reads as rewritten: 27 "§ 143-215.1C. Report to wastewater system customers on system performance; report 28 discharge of untreated wastewater and wastewater containing coal combustion 29 products to the Department; publication of notice of discharge of untreated 30 wastewater and waste. 31 Report to Wastewater System Customers. - The owner or operator of any (a) 32 wastewater collection or treatment works, the operation of which is primarily to collect or treat 33 municipal or domestic wastewater and for which a permit is issued under this Part and having 34 an average annual flow greater than 200,000 gallons per day, shall provide to the users or 35 customers of the collection system or treatment works and to the Department an annual report 36 that summarizes the performance of the collection system or treatment works and the extent to 37 which the collection system or treatment works has violated the permit or federal or State laws, 38 regulations, or rules related to the protection of water quality. The report shall be prepared on 39 either a calendar or fiscal year basis and shall be provided no later than 60 days after the end of 40 the calendar or fiscal year. 41 (a1) Report of Discharge of Untreated Wastewater or Wastewater Containing Coal 42 Combustion Products to the Department. – The owner or operator of any wastewater collection or treatment works shall report a discharge of 1,000 gallons or more of untreated wastewater or 43 wastewater containing coal combustion products, or a spill of any amount of untreated 44 45 wastewater or wastewater containing coal combustion products that reaches waters of the State to the Department as soon as possible but not later than 24 hours after first knowledge of the 46 47 spill. This reporting requirement shall be in addition to any other reporting requirement 48 applicable to the owner or operator of the wastewater collection or treatment works. 49 Publication of Notice of Discharge of Untreated Wastewater. - The owner or (b)

50 operator of any wastewater collection or treatment works, the operation of which is primarily to

$\frac{1}{2}$	collect or t	treat m	unicipal or domestic wastewater and for which a permit is issued under this
23	i art shan.	(1)	In the event of a discharge of 1,000 gallons or more of untreated wastewater
5 Л		(1)	or wastewater containing coal combustion products to the surface waters of
5			the State issue a press release to all print and electronic news media that
5			provide general coverage in the county where the discharge occurred setting
7			out the details of the discharge. The owner or operator shall issue the press
0			out the details of the discharge. The owner of operator shall issue the press
0			the discharge has reached the surface waters of the State first knowledge of
9 10			the orbit. The experience of energies shall retain a convert of the proce release and a
10			the spin. The owner of operator shall retain a copy of the press release and a
11			list of the news media to which it was distributed for at least one year after
12			the discharge and shall provide a copy of the press release and the list of the
13		( <b>2</b> )	In the event of a discharge of 15,000 gallons or more of untreated
14		(2)	In the event of a discharge of 15,000 gallons of more of unificated
15			wastewater to the surface waters of the State, publish a notice of the
10			discharge in a newspaper having general circulation in the county in which
1/			the discharge occurs and the point of discharge that is significantly offered
18			county downstream from the point of discharge that is significantly affected
19			discretion which counties are significantly offected by the discharge and
20			discretion, which counties are significantly affected by the discharge and shall approve the form and content of the notice and the neuropenetry in
21			shall approve the form and content of the notice and the newspapers in which the notice is to be published. The notice shall be continued "NOTICE
22			OF DISCHARGE OF LINTREATED SEWAGE" The owner or operator
23			shall publish the notice within 10 days after the Secretary has determined the
24 25			shall publish the house within 10 days after the Secretary has determined the counties that are significantly affected by the discharge and approved the
25 26			form and content of the notice and the newspapers in which the notice is to
20			be published. The owner or operator shall file a copy of the notice and proof
27			of publication with the Department within 30 days after the notice is
20			published Publication of a notice of discharge under this subdivision is in
30			addition to the requirement to issue a press release under subdivision (1) of
31			this subsection
32	$(\mathbf{c})$	Public	ation of Notice of Discharge of Untreated Waste as defined in
32	GS 143-2	13(18)	- The owner or operator of any wastewater collection or treatment works
34	other than	a wast	tewater collection or treatment works the operation of which is primarily to
35	collect or t	treat m	unicipal or domestic wastewater for which a permit is issued under this Part
36	wastewater	r shall:	unicipal of domostic wastewater, for which a perint is issued ander this fait
37		(1)	In the event of a discharge of 1,000 gallons or more of untreated waste to the
38			surface waters of the State, issue a press release to all print and electronic
39			news media that provide general coverage in the county where the discharge
40			occurred setting out the details of the discharge. The owner or operator shall
41			issue the press release within 48-24 hours after the owner or operator has
42			determined that the discharge has reached the surface waters of the State.first
43			knowledge of the spill. The owner or operator shall retain a copy of the press
44			release and a list of the news media to which it was distributed for at least
45			one year after the discharge and shall provide a copy of the press release and
46			the list of the news media to which it was distributed to any person upon
47			request.
48		(2)	In the event of a discharge of 15,000 gallons or more of untreated waste to
49			the surface waters of the State, publish a notice of the discharge in a
50			newspaper having general circulation in the county in which the discharge
51			occurs and the county immediately downstream and in each county

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1 2 2		downstream from the point of discharge that is signidischarge. The Secretary shall determine, at the Secretary shall be the discharge discharge and the secretary shall be the discharge d	ficantly affected by the retary's sole discretion,
3 4 5		the form and content of the notice and the newspaper to be published. The potice shall be captioned "NOT	rs in which the notice is
5		OF LINTREATED WASTE! The owner or operator	aball mublish the notice
07		OF UNIREATED WASTE. The owner of operator	shall publish the notice
/ 0		significantly affected by the discharge and approved	the form and content of
0		the notice and the newspapers in which the notice	is to be published. The
9 10		owner or operator shall file a copy of the notice a	nd proof of publication
10		with the Department within 30 days after the notice in	s published Publication
11		of a notice of discharge under this subdivision	is in addition to the
12		requirement to issue a press release under subdivision	(1) of this subsection "
13 14		requirement to issue a press release under subdivision	
14	PART II COA	L COMBUSTION PRODUCTS IMPOUNDMENT	WATER
16	MONITORING	PROGRAM	
17	SEC	<b>FION 2.</b> Article 21 of Chapter 143 of the General	Statutes is amended by
18	adding a new sec	ction to read:	
19	"§ 143-215.1D.	Coal combustion products impoundment water mon	itoring program.
20	(a) Grou	ndwater Assessment – Owners of coal ash impour	ndments located at all
21	investor-owned	public utilities shall conduct groundwater monitor	ring according to the
22	following schedu	ile and procedures:	
23	(1)	No later than 45 days from enactment of this Act, th	e owner shall submit to
24		the Division of Water Resources a Plan of proposed	assessment activities to
25		evaluate groundwater impacts from all coal	combustions products
26		impoundments located at all investor owned public	utilities. At a minimum
27		the plan shall:	
28		a. Identify all receptors and significant exposure	<u>pathways.</u>
29		b. Assess horizontal and vertical extent of	soil and groundwater
30		contamination for all contaminants confirm	med to be present in
31		groundwater in exceedance of groundwater q	uality standards and all
32		significant factors affecting contaminant trans	port.
33		c. Identify the geological and hydrogeological	features influencing the
34		movement, chemical, and physical character of	of the contaminants.
35		d. <u>Propose a schedule for continued groundwater</u>	r monitoring.
36		Upon review and approval by the Division of	Water Resources, the
37		investor-owned public utility shall initiate assessment	t activities.
38	<u>(2)</u>	No later than 180 days from the Division of Wa	ater Resources' written
39		approval of the Plan required under subdivision (1)	of subsection (a) of this
40		section, or a time frame otherwise approved by	the Division of Water
41		Resources, the owner shall submit a Report detail	ing the findings of the
42		Plan. The Report shall set forth the extent of any and	all exceedances of the
43		groundwater quality standards.	
44	<u>(3)</u>	No later than 270 days from the Division of Wa	ater Resources' written
45		approval of the Plan required under subdivision (1)	of subsection (a) of this
46		section, or a time frame otherwise approved by	the Division of Water
47		Resources, the owner shall submit to the Division	of Water Resources a
48		proposed Corrective Action Plan. The Corrective	Action Plan shall, at a
49		minimum, contain:	

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a.	A listing of all exceedances of t	he groundwater quality standards
_	including any exceedances that the	ne owner asserts are the result of
	natural background conditions.	
b.	Except as provided in subsubdi	vision f. of this subdivision, a
—	description of the proposed corre	ective action employing the best
	available technology for the restor	ation of groundwater quality to the
	level of the groundwater qualit	y standards and reasons for its
	selection.	
<u>c.</u>	Specific plans, including engineer	ring details where applicable, for
	restoring groundwater quality.	
<u>d.</u>	A schedule for the implementation	n of the proposed corrective action
	<u>plan.</u>	
<u>e.</u>	A monitoring plan for evaluating	the effectiveness of the proposed
	corrective action and the movemen	t of the contaminant plume.
<u>f.</u>	The owner may request alternative	remediation as provided for under
	the requirements of 15A NCAC 2L	<u>0106 (k), (l), or (m).</u>
<u>(4)</u> <u>No la</u>	tter than 30 days from the Division	of Water Resources' approval of a
Final	Corrective Action Plan, the ow	ner shall implement the Final
Corre	ective Action Plan in accordance	with a schedule established by
Divis	ion of Water Resources. The appro-	oval of a Final Corrective Action
$\frac{Plan}{N}$	is not a final agency action pursuant t	<u>o G.S. 150B.</u>
(b) Drinking Wa	iter Assessment. – Within 60 days of	t enactment of this Act, owners of
oal ash impoundments	located at all investor-owned public	utilities shall conduct and submit
o the Division of wate	dive of 2.640 foot (0.5 mile) from the	survey. The Survey shall identify
all receptors within a ra	The owner shall sample each recei	tor identified by the Division of
Water Resources For a	ny well exceeding the groundwater	standards the owner shall replace
he water supply with a	supply of potable drinking water	standards, the owner shall replace
(c) Annual Rep	orting Requirement. – In addition to	any other reports required by the
Division of Water Reso	urces, the owners of coal combustion	products impoundments located at
all investor owned put	olic utilities shall submit an annual	report to the Division of Water
Resources no later than	January 31 of each year. The Annual	report shall include a summary of
all monitoring data coll	ected over the year, status of Plans a	and Final Corrective Action Plans,
and a summary of water	supply receptor survey results."	
PART III. IDENTIFY	AND ADDRESS UNPERMITTEI	D WASTEWATER
DISCHARGES AT CO	OAL COMBUSTION PRODUCTS	IMPOUNDMENT SITES
SECTION 2	3. Article 21 of Chapter 143 of the	e General Statutes is amended by
adding a new section to	read:	
" <u>§ 143-215.1E. Ident</u>	ify and address unpermitted v	vastewater discharges at coal
<u>combustion</u>	products impoundment sites.	
(a) <u>Owners of c</u>	oal combustion products impoundment	ents located at all investor-owned
<u>public utilities shall imp</u>	blement the plan described in subsect	tions (b) through (h) of this section
to identify and address	any unpermitted discharges to surface	e waters at those coal combustion
products impoundment	<u>sites.</u>	
(b) <u>No later tha</u>	an 90 days from enactment of the	s act, the owner shall submit a
locations of all outfalls	scale approved by DIVISION OF W	and/or improved for the purpose of
collecting water from the	to a of the coal combustion product	individually interview for the purpose of
the man will.		is impoundments. For each outlan,
$\frac{110 \text{ map will.}}{(1)}$	fy its latitude and longitude	
(1) oper	ing its futtude und fongitude.	

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1	(2)	Specify whether the discharge is continuous or intermittent	
2	$\frac{(2)}{(3)}$	Provide an average flow measurement, including a description	tion of the method
3	<u></u>	used to measure flow.	
4	With the top	ographic map, the owner will submit to the Division of V	Vater Resources a
5	schedule accordi	ing to which the owner shall conduct water quality samplin	g of the toe drain
6	outfalls in order	r to further characterize the discharging water. No later the	nan 30 days from
7	receipt of the ma	p and sampling schedule, Division of Water Resources will	provide the owner
8	with review com	ments, either approving the plan or noting any deficiencies to	be corrected and
9	a date by which	a corrected map and/or sampling schedule is to be submitted	for further review
10	and comment. W	Vithin 30 days of approval of the schedule by the Division of	Water Resources,
11	the owner shall	begin to sample the toe drain outfalls in accordance with	the schedule and
12	submit the samp	les for water quality analysis. Water quality analyses shall	include the same
13	parameters requ	ired for a coal-fired power plant per EPA Application Form	<u>2C – Wastewater</u>
14	Discharge Inform	mation, Consolidated Permits Program (EPA Form 3510-2C,	August 1990). If
15	the owner demo	nstrates to the satisfaction of Division of Water Resources to	that sampling of a
16	toe drain outfall	is unlikely to generate usable data or is otherwise infeasible,	the owner will not
17	be required to sa	imple that toe drain outfall.	
18	<u>(c)</u> <u>No la</u>	tter than 180 days from the enactment of this act, the own	<u>ner shall submit a</u>
19	topographic map	at a scale approved by the Division of Water Resources	that indicates the
20	locations of any	seeps or drains reflecting discharges from the ash ponds bu	t are not captured
21	by an engineered	I channel identified pursuant to subsection (b) of this section	n. For any seep so
22	identified that is	s believed to not reflect flows from any of the ash ponds	the owner shall
23	provide to the D	Division of Water Resources the basis for such belief, inclu	ding hydrological
24	data or water qua	lity testing information. For the seeps from the impoundmen	<u>ts, the map will:</u>
25	<u>(1)</u>	Specify its latitude and longitude.	
26	<u>(2)</u>	Specify whether the discharge is continuous or intermittent	<u>.</u>
27	<u>(3)</u>	Provide an average flow measurement, including a descript	ion of the method
28		used tomeasure flow.	
29	$\frac{(4)}{(5)}$	Specify whether the discharge from the seep reaches surfac	<u>e waters.</u>
30	<u>(5)</u>	If the discharge from the seep reaches surface water, ide	ntify the location
31		where the seep reaches surface water on the map to inc	slude latitude and
32		longitude.	1 11 1 1 1
33	$(\underline{d})$ <u>No la</u>	ter than 180 days from the enactment of this act, the owner s	hall submit a plan
34 25	to determine whe	etner toe drain or seep discharges from the impoundments hav	<u>ve reached surface</u>
33 26	waters of the sta	te and are causing violations of surface water quality standard	us. The plan shall
30 27	$\frac{\text{Include the 1010}}{(1)}$	<u>Willig:</u>	all abannals that
31 20	<u>(1)</u>	Sampling locations upstream and downstream within	an channels that
38 20	( <b>2</b> )	<u>Potentially carry such discharges.</u>	ma magning for a
39 40	<u>(2)</u>	water quality analyses shall include the same parameter	$\frac{1}{C}$ Westewater
40		<u>Coal-Ined power plant per EPA Application Form 2</u>	C = Wastewater
41		Discharge Information, Consolidated Permits Program (EP	<u>A FOIIII 5510-2C,</u>
42 13	( <b>2</b> )	<u>August 1990).</u> Frequency and duration of the sampling activities	
43 11	$\frac{(3)}{(4)}$	Penorting requirements	
44 15	No later than	30 days from receipt of the plan, the Division of Water Reso	urces will provide
т <i>)</i> Лб	the owner with	review comments, either approving the plan, or noting any	deficiencies to be
47	corrected and a	date by which a corrected plan is to be submitted for fu	inther review and
48	comment or app	royal. Within 180 days from the Division of Water Resource	es' approval of the
49	plan, the owner	will implement and complete the plan and submit a report	summarizing that
50	work and its rest	ults.	

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(e) If the Division o	f Water Resources determin	es, based on information submitted
pursuant to subsections (b) th	rough (d) of this section, that	t discharges, whether from toe drains
or seeps, are causing a viol	ation of G.S. 143-215.1 or	any other law, it shall so notify the
owner. Within 120 days of s	uch notification, the owner sh	nall do one of the following:
(1) Stop the d	ischarge.	
(2) Capture at	nd route the discharge so that	t it is discharged through an NPDES
permitted	outfall.	
(3) Address th	e seep using Best Manageme	nt Practices approved by the Division
of Water R	esources pursuant to subsectiv	on (f) of this section.
(4) Propose al	ternative Best Management P	ractices subject to the approval of the
<u> </u>	f Water Resources.	
(5) Apply for	an NPDES discharge permit	or permit amendment to regulate the
discharge.	• *	
(f) No later than 18	0 days from the date of ena	ctment of this act, The owner shall
submit to the Division of V	Vater Resources for approval	a set of best management practices
designed to prevent unpermit	tted discharges of pollutants f	from the ash ponds to surface waters.
Thereafter, the owner may	submit additional best manag	gement practices for the Division of
Water Resources approval.		
(g) No later than 30	days from enactment of this	s act, the owner shall submit to the
Division of Water Resource	es a plan for identifying new	seeps on the dike areas of the ash
ponds that arise after the su	bmission of the maps describ	bed in subsections (b) and (c) of this
section. The plan shall inclue	de, at a minimum, the followi	ing elements:
(1) <u>A proced</u>	ure for routine inspection	of the coal combustion products
impoundm	ent areas to identify indicator	rs of potential new seeps.
(2) <u>A decision</u>	n flow chart (including crite	ria and procedures) for determining
whether a	new seep is actually present.	
( <u>3</u> ) <u>A procedu</u>	re for notifying the Division	of Water Resources after a new seep
<u>is confirm</u>	<u>ed.</u>	
No later than 30 days from	m receipt of the plan, the Divi	ision of Water Resources will provide
(h) No later then 12 a	ents noting any deficiencies.	f this act the owner shall submit any
(II) <u>NO later than 12 I</u>	nontris from the effectment of	t the Division of Water Resources
incorporate the process desc	ribed in subsections (b) throu	$\frac{1}{2}$ the Division of water Resources $\frac{1}{2}$ and
NPDES permit "	tibed in subsections (b) throu	gn (g) of this section into the owners
<u>IN DES permit.</u>		
PARTIV AMENDSI 20	009-390 (SR 1004)	
SECTION 4 Sec	(3D 1004)	s repealed
SECTION 4. Se	2007 5.(0) of 5.L. 2007 570 h	repeated.
PART V. EMERGENCY	CTION PLANS	
SECTION 5. G.S.	S. $143-215.31$ is amended by	adding two subsections to read:
"§ 143-215.31. Supervision	over maintenance and oper	ation of dams.
· · · ·		
(f) Develop Emerger	ncy Action Plan Owners o	f high and intermediate hazard dams
shall develop at their cost a	In Emergency Action Plan for	or their dam in document format in
triplicate copy to be submitt	ed to the Department by Jan	uary 1, 2015. The emergency action
plan at minimum shall:		
(1) Identify po	otential emergency conditions	that can occur at the dam.
(2) List prepla	anned actions to be taken du	aring an emergency condition at the
<u>dam.</u>		
(3) Document	emergency notification p	rocedures to aid in warning and
evacuation	as during an emergency condi	tion at the dam.

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(4)	Provide a downstream inundation map dep	icting areas affected by a dam
	failure and sudden release of the impoundment	nt.
If a dam owne	er fails to provide the Department with an Eme	ergency Action Plan in triplicate
copy by January	1, 2015, it shall be subject to Enforcement Pro	cedures under G.S. 143-215.36.
Dam owners shal	l update their emergency action plans annuall	y and submit the updated plans
in triplicate copy	to the Department each year subsequent to Ja	nuary 1, 2015. The Department
shall provide the	appropriate local Emergency Management Age	ency and the Regional Office of
the Department w	ith the triplicate copy.	
(g) Confid	lentiality of Sensitive Public Security Inform	ation – To the extent that any
documents includ	led in the Emergency Action Plan develor	bed under this section contain
sensitive public	security information, those portions of docu	ments shall not be subject to
disclosure under t	he North Carolina Public Records Act."	
DADE VI NOT		
PART VI. NOT	IFICATION OF EMERGENCY REPAIR (	DF A DAM
SECI	ION 6. G.S. 143-215.27 reads as rewritten:	
"§143-215.27. R	epair, alteration, or removal of dam.	1 6 1 1 1 1 1 1
(a) Before	commencing the repair, alteration or remova	i of a dam, application shall be
made for written	approval by the Department, except as other	wise provided by this Part. The
application shall s	state the name and address of the applicant, sha	all adequately detail the changes
it proposes to eff	ect and shall be accompanied by maps, plans	and specifications setting forth
such details and o	illimensions as the Department requires. The L	epartment may waive any such
requirements. In	e application shall give such other information	ation concerning the dam and
it more required	d shall state the proposed time of commer	ing the safety of any change as
it may require, a	application has been completed it may be r	aforred by the Department for
work. when an	application has been completed it may be in advanced by subsection (b) of the	G S = 143 = 215 = 26 in the case of
original construct	ion	0.3. 143-213.20 in the case of
(b) When	repairs are necessary to safeguard life and	property they may be started
immediately but	the Department shall be notified forthwith of	the proposed repairs and of the
work under <del>way</del> y	way as soon as possible but not later than 24 h	ours after first knowledge of the
necessity for eme	rgency repairs and <del>they such repairs shall be r</del>	nade to conform to its orders "
<u>necessity for enter</u>	<u>igency repairs</u> , and mey <u>such repairs</u> shan be i	nuce to comorni to its orders.
PART VII. INS	PECTION OF IMPOUNDMENTS	
SECT	ION 7. G.S. 143-215.32 is amended by addin	g two sections to read.
"(e) Invest	pr-owned public utilities shall inspect ea	ch coal combustion products
impoundment we	ekly and after storms to detect evidence of any	of the following:
(1)	Deterioration, malfunctions. or improper	operation of spillwav control
<u>x=</u> ,	systems.	<u> </u>
(2)	Sudden drops in the level of the impoundment	it's contents.
$\frac{(2)}{(3)}$	Severe erosion or other signs of deterioration	n in dikes or other containment
<u>\C/</u>	devices.	
(4)	New or enlarged seeps along the downstr	eam slope or toe of the dike
<u></u>	or other containment devices.	
(5)	Any other abnormal conditions at the import	indment that may pose a health
<u>107</u>	or safety risk.	<u> </u>
If any abnor	malities in subdivisions (1) through (5) of	this subsection are observed.
documentation sh	all be provided to a registered professional er	ngineer for further investigation
and appropriate a	ction.	
(f) Each	coal combustion products impoundment loc	ated at investor-owned public
utilities shall be	inspected annually by an independent regis	stered professional engineer to
assure structural	integrity and that the design, operation, ar	nd maintenance of the surface

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1 impoundment are in accordance with generally accepted engineering standards. The owner or 2 operator must notify the Department by way of a certification by the independent registered 3 professional engineer that the dam is structurally sound and the design, operation, and 4 maintenance of the surface impoundment is in accordance with generally accepted engineering 5 standards. The inspection report shall be submitted to the Department within 30 days of the 6 completion of the inspection and shall be placed on a publicly accessible internet site." 7 8 PART VIII. DEFINITION OF SOLID WASTE 9 SECTION 8.(a) G.S. 130A-290(a)(35) reads as rewritten: 10 "(35) "Solid waste" means any hazardous or nonhazardous garbage, refuse or 11 sludge from a waste treatment plant, water supply treatment plant or air pollution control facility, domestic sewage and sludges generated by the 12 13 treatment thereof in sanitary sewage collection, treatment and disposal 14 systems, and other material that is either discarded or is being accumulated, 15 stored or treated prior to being discarded, or has served its original intended use and is generally discarded, including solid, liquid, semisolid or contained 16 17 gaseous material resulting from industrial, institutional, commercial and 18 agricultural operations, and from community activities. The term does not 19 include: 20 a. Fecal waste from fowls and animals other than humans. 21 b. Solid or dissolved material in: 22 1. Domestic sewage and sludges generated by treatment thereof 23 in sanitary sewage collection, treatment and disposal systems 24 which are designed to discharge effluents to the surface 25 waters. 26 2. Irrigation return flows. 27 Wastewater discharges and the sludges incidental to and 3. 28 generated by treatment which are point sources subject to 29 permits granted under Section 402 of the Water Pollution 30 Control Act, as amended (P.L. 92-500), and permits granted 31 under G.S. 143-215.1 by the Environmental Management 32 Commission. However, any combustion products removed 33 from impoundments subject to permits under Section 402 of 34 the Water Pollution Control Act, as amended (P.L. 92-500), by 35 and permits granted under G.S. 143-215.1 the 36 Environmental Management Commission shall be a solid 37 waste. Any sludges that meet the criteria for hazardous waste 38 under RCRA shall also be a solid waste for the purposes of 39 this Article. 40 Oils and other liquid hydrocarbons controlled under Article 21A of c. 41 Chapter 143 of the General Statutes. However, any oils or other 42 liquid hydrocarbons that meet the criteria for hazardous waste under 43 RCRA shall also be a solid waste for the purposes of this Article. Any source, special nuclear or byproduct material as defined by the 44 d. 45 Atomic Energy Act of 1954, as amended (42 U.S.C. § 2011). Mining refuse covered by the North Carolina Mining Act, G.S. 74-46 46 e. 47 through 74-68 and regulated by the North Carolina Mining and 48 Energy Commission (as defined under G.S. 143B-293.1). However, 49 any specific mining waste that meets the criteria for hazardous waste 50 under RCRA shall also be a solid waste for the purposes of this 51 Article.

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f.	Recovered material."	
SECTION	8.(b) G.S. 143-213(18) reads as rewritten	:
"(18) "W	aste" shall mean and include the followin	<del>g:</del> following with the exception
of s	olid waste as defined by G.S. 130A-290(a)	)(35):
<u></u> a.	"Sewage," which shall mean water-ca	rried human waste discharged.
	transmitted, and collected from res	idences, buildings, industrial
	establishments, or other places into a	unified sewerage system or an
	arrangement for sewage disposal or	r a group of such sewerage
	arrangements or systems, together wit	h such ground, surface, storm.
	or other water as may be present.	
b.	"Industrial waste" shall mean any li	quid, solid, gaseous, or other
	waste substance or a combination ther	eof resulting from any process
	of industry, manufacture, trade or busi	iness, or from the development
	of any natural resource.	, <b>1</b>
с.	"Other waste" means sawdust, shavin	igs, lime, refuse, offal, oil, tar
	chemicals, dissolved and suspended s	solids, sediment, and all other
	substances, except industrial waste,	sewage, and toxic chemicals
	which may be discharged into or pla	aced in such proximity to the
	water that drainage therefrom may read	ch the water.
d.	"Toxic waste" means that waste,	or combinations of wastes,
	including disease-causing agents, wh	ich after discharge and upon
	exposure, ingestion, inhalation, or as	similation into any organism,
	either directly from the environment	nt or indirectly by ingestion
	through food chains, will cause	death, disease, behavioral
	abnormalities, cancer, genetic mutatio	ns, physiological malfunctions
	(including malfunctions in reproduction	on) or physical deformities, in
	such organisms or their offspring.	
ολοτιν τεμιοι	A DV MODATODIUM ON STDUCTU	
SECTION	<b>9</b> (a) Moratorium Established – Notwit	hstanding rules adopted by the
Commission for Publ	c Health there is hereby established a n	noratorium on the use of coal
combustion products	s a structural fill unless the fill is used und	ler an airport runway or base or
sub-base of a concrete	or asphalt paved road constructed under	the authority of a public entity
The moratorium estat	lished by this section shall be in effect $\iota$	intil rules are amended by the
Commission for Publi	c Health for the management of coal comb	ustion products.
SECTION	<b>9.(b)</b> For purposes of this section, the	moratorium does not apply to
structural fill sites of l	ess than 5,000 cubic yards.	
SECTION	9.(c) This section is effective when this	s act becomes law and applies
only to those coal con	bustion products structural fills that have	not begun construction or have
not received a permit	o begin construction on or before that date	
PART X. COAL CO	MBUSTION PRODUCTS IMPOUNDN	IENT CLOSURE
SECTION	<b>10.(a)</b> Article 21 of Chapter 143 of the <b>C</b>	General Statutes is amended by
adding a new Part to r	ead:	
" <u>Pai</u>	t 12. Coal Combustion Products Impound	<u>nent Closure</u>
" <u>§ 143-215.74Q. Cl</u>	osure of Coal Combustion Products	Impoundments to Protect
$\frac{\text{Groundwa}}{\text{The Det}}$	ter and Surface Water	of all active and insert
(a) <u>Ine Depar</u>	approximate and a stabilism the priority for close	sure of all active and inactive
established the own	r of the active and inactive ash ponds	shall propose a schedula for
beginning closure acti	vities for each prioritized facility and she	all submit a proposed schedule
segunning crosure acti	received for each promitized facility, and she	an saonne a proposed seneduk

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in accorda	ance wit	h the ti	me frame established by the Departmen	t. Six months (180 days) before
the schedu	uled clo	sure ac	tivities begin, the owner must submit fi	ve (5) paper copies and one (1)
electronic	copy o	f a clos	sure plan to the Division of Water Reso	ources for approval. The closure
plan shall	include	the fol	lowing sections:	<u> </u>
-	(1)	Facili	ty and Ash Pond Description. – A des	cription of the operation of the
	<u></u>	facilit	y that shall include, but not be limited to	0:
		a.	Site and history of site operation	is; ash handling and storage
			operations.	<u> </u>
		b.	Types of flows discharging into the in	npoundment.
		c.	Estimated volume of material contained	ed in the impoundment.
		d.	Analysis of the structural integrity of	dikes or dams associated with
			impoundment.	
		e.	Composition of liner (lined or unlined	pond).
		f.	Summarized results of any previou	s environmental investigations
			performed at the site.	
	(2)	Site N	Aap Site maps that illustrate the follow	wing:
	<u> </u>	a.	All structures associated with operation	ons of the ash ponds within the
			power plant property boundary.	*
		b.	All identified current and former a	sh disposal and storage areas
			including structural fills.	
		<u>c.</u>	All property boundaries and established	ed compliance boundaries.
		<u>d.</u>	All potential receptors (i.e. water sup	ply wells, surface water bodies
			(streams, springs, lakes, ponds and o	other surface drainage features,
			and wetlands) within 2,640 feet from	the compliance boundary.
		<u>e.</u>	Topographic contour intervals of the	site shall be selected to enable
			an accurate representation of site fe	atures and terrain and in most
			cases should be less than 20 feet inter-	vals.
		<u>f.</u>	Locations of all on-site active and	d inactive Division of Waste
			Management permitted solid wast	e facilities along with their
			associated compliance boundaries and	l monitoring wells.
		<u>g.</u>	All existing and proposed groundwar	ter monitoring wells associated
			with monitoring of the active and inac	<u>etive ash ponds.</u>
		<u>h.</u>	All existing and proposed sample coll	ection locations associated with
			the operation or closure of the impour	ndment(s).
	<u>(3)</u>	<u>Hydro</u>	ogeologic, Geologic, and Geotechnical	Investigations The results of
		<u>a hyd</u>	rogeologic, geologic, and geotechnical	investigation of the facility, that
		shall	include, but not be limited to:	
		<u>a.</u>	A description of the hydrogeology and	d geology of the site.
		<u>b.</u>	A description of the stratigraphy of the	ne geologic units underlying the
			<u>ash ponds.</u>	
		<u>c.</u>	The saturated hydraulic conductivity f	for the ash and liner if present.
		<u>d.</u>	The geotechnical properties for the	ash, liner if present, and the
			uppermost identified stratigraphic un	it underlying the impoundment
			including the soil classification b	y Unified Soil Classification
			System, in-place moisture conten	t, particle size distribution,
			Atterberg limits, specific gravity, effective	ective friction angle, maximum
			dry density, optimum moisture conten	t, and permeability.
		<u>e.</u>	A chemical analysis of the impoundm	ent water, ash, and ash-affected
			soil. Identify constituents with conce	ntrations found to be in excess
			of 15A NCAC 02L. 0202 Groundwa	ter Quality Standards including
			all laboratory results for these analyse	<u>s.</u>

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	<u>1</u>	<u>f. Sur</u>	nmary tables of historical records of groundwater sa	umpling
		resu	<u>ilts.</u>	
	2	<u>g. A n</u>	nap that illustrates the potentiometric contours and flow dir	<u>ections</u>
		for	all identified aquifers underlying impoundments (s	hallow,
		inte	ermediate, and deep) and the horizontal extent of areas whe	ere 15A
		<u>NC</u>	AC 02L. 0202 Groundwater Quality Standards are exceeded	<u>:d.</u>
	<u>1</u>	<u>h.</u> <u>Crc</u>	ss-sections that illustrate the following: vertical and how	<u>rizontal</u>
		exte	ent of the ash within the impoundment; Stratigraphy	of the
		geo	logic units underlying the ash pond and the vertical ex	tent of
		area	as where 15A NCAC 02L. 0202 Groundwater Quality Sta	<u>andards</u>
		are	exceeded.	
<u>(</u> 2	<u>4) l</u>	Hydrogeol	<u>ogic Modeling. – The results of groundwater modeling of</u>	the site
	<u>t</u>	<u>that shall in</u>	nclude, but not be limited to:	
	<u>á</u>	<u>a. An</u>	account of the design of the proposed pond closure method	od that:
		<u>1S</u>	based on the site hydrogeologic conceptual model dev	eloped,
		<u>1ncl</u>	udes predictions on post-closure groundwater elev	vations,
		gro	undwater flow directions and velocities including the	effects
		<u>on/</u>	trom the potential receptors, and includes predictions	<u>at the</u>
		<u>con</u>	upliance boundary for constituents identified in subsubdiv	<u>1sion e.</u>
		$\frac{01}{02}$	Subdivision (5) of this subsection as exceeding 15A NC	<u>AC 2L</u>
	1	<u>.020</u> b Dro	<u>J2 Groundwater Quanty Standards.</u>	mistry
	<u>।</u>	<u>0.</u> <u>rie</u> and	should describe migration concentration mobilization a	and fate
		$\frac{and}{of t}$	he constituents that exceed 15A NCAC 2L standards bef	ore and
		<u>or t</u> afte	r closure activities including the effects on/from n	otential
		rec	entors	otentiai
	(	$A_{i}$	description of the groundwater trend analysis methods i	used to
	-	den	nonstrate compliance with 15A NCAC 02L .0202 Group	ıdwater
		Ou	ality Standards and 15A NCAC 02L .0106.	
(4	5) (	Closure M	ethod. – The owner shall provide a proposed closure method	od. The
	1	proposed c	losure method must demonstrate that where groundwater	quality
	i	is degrade	d, restoration to the level of the groundwater standards	will be
	<u>(</u>	obtained as	s is economically and technically feasible. The selected pr	oposed
	<u>(</u>	closure me	thod shall be from one of the following alternatives, an	ıd shall
	<u>i</u>	include, bu	t not be limited to:	
	<u>á</u>	<u>a. A c</u>	lescription of the closure method identified for each ash	<u>ı pond.</u>
		<u>Clo</u>	sure methods include:	
		<u>i.</u>	<u>Closure-in-Place. – This alternative entails place</u>	<u>ing an</u>
			engineered cover system such as a composite geomer	<u>nbrane,</u>
			impermeable clay, and/or a soil cover over the ash po	ond. No
			ash or ash-affected soil would leave the ash pond area.	
		<u>11.</u>	<u>Clean Closure. – This alternative assumes that all c</u>	oal ash
			can be excavated and the ash pond area will be return	ied to a
		•••	non-erosive and stable condition.	ina a-l-
		<u>111.</u>	<u>nyoria Ciosure. – This alternative entails consolidat</u>	thin the
			and asn-affected soft into as small area as feasible with	$\frac{11111}{100}$ the
			asii poilu iooipiilit. Ali engineered cover system	<u>n (e.g.</u>
			cover) would be installed over the consolidated a	a soll sh and
			ash-affected soil. The remaining ash pond area y	will be
			returned to a non-erosive and stable condition	
			retained to a non-crosive and stable condition.	

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1			iv.	Other. – Must be equally or more	effective at protecting water
2			(	quality than the other closure opti	ions.
3		b.	A descr	iption concerning any plans for	beneficial reuse of the coal
4			ash und	er 15A NCAC 02T .1200 (if appl	icable).
5		с.	All eng	ineering drawings, schematics,	and specifications for the
6			propose	d closure method. If required	by G.S. 89C, engineering
7			design	documents should be prepared	, signed, and sealed by a
8			professi	onal engineer. Describe the co	nstruction quality assurance
9			and qu	ality control program includir	ig the responsibilities and
10			authorit	ies; monitoring and testing activi	ties; sampling strategies; and
11			reportin	g requirements.	
12		d.	A descr	iption of the provisions for dispo	sal of wastewater through an
13			NPDES	permit or any other relevant peri	nit.
14		e.	A descr	iption of the provisions for the f	inal disposition of the ash. If
15		_	the ash	is to be removed, the owner m	ust identify the site location
16			and the	permit number for ash sent to a	permitted disposal site. If the
17			ash is le	eft in place, the owner must prov	vide a description of how the
18			ash will	be stabilized during closure and	post closure and an estimate
19			of the v	olume of ash left in place.	*
20		<u>f.</u>	A list of	of all permits that will need to	be acquired or modified to
21			<u>complet</u>	e closure activities.	
22	<u>(6)</u>	Post-C	Closure F	lan. – The owner shall provid	le post-closure plans for a
23		<u>minin</u>	num of 30	years. If required by G.S. 89C,	these plans should be signed
24		and se	ealed by a	n professional engineer. These pl	ans shall include, but not be
25		limite	<u>d to:</u>		
26		<u>a.</u>	A descr	iption of the post-closure care and	d maintenance activities.
27		<u>b.</u>	<u>A</u> demo	onstration of the long-term cont	rol of all leachate, affected
28			groundy	vater, and stormwater.	
29		<u>c.</u>	A descr	iption of a groundwater monitoring	ng program that includes:
30			<u>i.</u>	Post closure groundwater monito	ring, including parameters to
31			<u> </u>	be sampled and sampling schedul	les.
32			<u>ii.</u>	Any additional monitoring well i	nstallations, including a map
33			-	with the proposed location/s and	well construction details.
34			<u>iii.</u>	A description of the actions prop	osed to mitigate statistically
35			<u>-</u>	significant increasing groundwate	<u>er quality trends.</u>
36		<u>d.</u>	The ler	igth of the post-closure care p	eriod. This period may be
37			propose	d to be decreased or the fre	quency and parameter list
38			modifie	d if the owner demonstrates	that the reduced period or
39			modific	ations are sufficient to prote	<u>ct human health and the</u>
40			environ	ment and this demonstration is a	pproved by the Department.
41			The len	gth of the post-closure care peri	od may be increased by the
42			Departn	hent at the end of the post-c	losure period if there are
43			statistic	ally significant increasing grou	indwater quality trends or
44			<u>contami</u>	nant concentrations have not de	creased to a level protective
45			<u>of huma</u>	an health and the environment.	If the owner determines that
46			the post	-closure care period is no longer	needed and the Department
4/ 10			agrees,	opal opginger worifeing that	zation, signed by a registered
4ð 40			protessi	onal engineer, verifying that	post-ciosure care nas been
49 50	(7)	School	<u>complet</u>	eq in accordance with the post-cl	<u>Usure plan.</u>
JU 51	<u>(/)</u>		$\frac{1}{1}$	ated to alcours and next alcours	ne of the inflestone dates for
51		<u>an act</u>	ivities rel	aled to closure and post-closure.	

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1	(8)	Future Site Use. – The owner shall describe the antic	cipated future use of the
2		site and the necessity for deed restrictions following of	closure.
3	(9)	Final Submittal Determination and Approval. – With	nin 90 days of receipt of
4		a completed closure plan, the Department will send	a letter either approving
5		the closure plan or requesting additional information	on. Upon approval, the
6		owner must begin closure activities within 30 days."	
7	SEC	<b>TION 10.(b)</b> Part 3 of Article 21 of Chapter 143 of	the General Statutes is
8	amended by add	ing a new section to read:	
9	" <u>§ 143-215.37A</u>	. Closure of coal combustion products impound	ments to render such
0	facili	ties exempt from the North Carolina Dam Safety La	<u>w of 1967.</u>
1	(a) <u>Deco</u>	<u>mmissioning Request Submittal. – Any party seeking</u>	to decommission a coal
2	combustion prod	lucts impoundment facility shall submit a document fro	om the ownership entity
3	requesting that t	he facility be decommissioned to the Division of Ene	rgy, Mineral, and Land
4	Resources. The c	locument shall include as a minimum the following:	1 77 1
3 6	<u>(1)</u>	A proposed geotecnnical investigation plan scope of	work. Upon preliminary
0 7		plan approval as described below, the owner shall field work and submit a sector below the owner shall	proceed with necessary
/ 0		indicating that the containment dam and material	site specific field data
<b>)</b>		and that the containment dam and material	la impounded by the
9 7		to liquid flow behavior under expected static	and dynamic loading
J 1		conditions Material testing should be performed alo	ng the full extent of the
1 7		containment dam and in a pattern throughout th	he area of impounded
2		material	ne area or impounded
3 4	(2)	A topographic map depicting existing conditions of	of the containment dam
5	<u>(2)</u>	and impoundment area at two foot contour intervals of	or less
6	(3)	If the facility contains areas canable of impounding l	by topography, a breach
7	<u>(0)</u>	plan must be included which ensures that there shall	be no place within the
8		facility capable of impounding. The breach plan sh	all include at minimum
9		proposed grading contours superimposed on the exist	ting topographic map as
)		well as necessary engineering calculations, co	nstruction details and
1		construction specifications.	
2	<u>(4)</u>	A permanent vegetation and stabilization or capping	g plan by synthetic liner
3		or other means if needed. These plans shall include	at minimum, proposed
4		grading contours superimposed on the existing to	opographic map where
5		applicable as well as necessary engineering cal	culations, construction
5		details, construction specifications and all details f	or the establishment of
7		surface area stabilization.	
3	<u>(5)</u>	A statement indicating that the impoundment fac	cility has not received
)		sluiced coal ash material for at least three years and t	there are no future plans
)		to place coal ash in the facility by sluicing methods.	
_	(b) <u>Prelir</u>	ninary Submittal Determination and Approval. – Th	ne submitted document
2	shall undergo a p	preliminary review by the Division of Energy, Mineral,	and Land Resources for
3	completeness and	d approval of the proposed geotechnical investigation p	lan scope of work.
4	<u>(1)</u>	<u>The owner shall be notified by letter with results of</u>	the preliminary review
5		including approval or revision request relative to the	proposed scope of work
0		included in the geotechnical investigation plan.	·····
/ 5	<u>(2)</u>	<u>Upon receipt of a letter issued by the Division app</u>	proving the preliminary
<b>)</b>		geotechnical plan scope of work, the owner may p	noceed with held work
7		and development of the geolecimical report.	

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(c) Final	Submittal Determination and Approval. –	Upon receipt of the geotechnical
report, the Divi	sion of Energy, Mineral, and Land Resour	rces shall complete the submittal
review	<u></u>	•••• •••••••••••••••••••••••••••••••••
(1)	If it is determined that sufficient evidence	has been presented to clearly show
<u>(1)</u>	that the facility no longer functions as a	dam in its current state a letter
	decommissioning the facility shall be is	sued by the Division of Energy
	Mineral and Land Resources and the f	Facility shall no longer be under
	iurisdiction of the Dam Safety I any of 106	$7 \times 143 \times 15 \times 23$
( <b>2</b> )	If modifications such as breach constru	7, 0.5. 145-215.25.
<u>(2)</u>	normanant vagatation or surface lining pl	an are needed, such plans shall be
	reviewed per standard procedures for con	an are needed, such plans shall be
	modify and/or broach	isideration of letter of approval to
(2)	<u>Inourly and/or breach.</u>	adaud ano advant for construction
<u>(3)</u>	If approved, such plans shall follow sta	ndard procedure for construction
	including: construction supervision by	a North Carolina registered
	professional engineer, as-built submittal	by a North Carolina registered
	protessional engineer, and follow up final	inspection by Division of Energy,
	Mineral, and Land Resources staff.	
<u>(4)</u>	Final approval shall be issued by the Divis	sion of Energy, Mineral, and Land
	Resources in the form of a letter deco	mmissioning the facility and the
	facility shall no longer be under jurisdiction	on of the Dam Safety Law of 1967,
	<u>G.S. 143-215.23.</u> "	
PART XI. CLO	SURE PLANS SCHEDULE	
SEC	<b>FION 11.</b> Notwithstanding G.S. 143-21.	5.74Q and G.S. 143-215.37A as
enacted by Section	ons 10.(a) and 10.(b) of this act:	
(a)	The closure plan for Riverbend shall be su	bmitted to the Department no later
than 60 days afte	er the Act is ratified and shall include detaile	ed provisions that ensure all ash in
the impoundmer	its will be moved to a lined structural fill,	a lined landfill, or an alternative
disposition appro	oved by Department.	
(b)	The closure plan for Asheville shall be su	bmitted to the Department no later
than 60 days aft	er the Act is ratified and include detailed pr	ovisions that ensure all ash in the
impoundments will be moved to a lined structural fill, a lined landfill, or an alternative		
disposition appro	oved by the Department.	
(c)	The closure plan for Dan River shall be su	bmitted to the Department no later
than 90 days aft	er the Act is ratified and include detailed pr	ovisions that ensure all ash in the
impoundments v	will be moved to a lined structural fill, a	a lined landfill, or an alternative
disposition appro	oved by the Department.	
(d)	The closure plan for Sutton shall be sub-	mitted to the Department no later
than 90 days after	er the Act is ratified, and include detailed pr	rovisions that ensure all ash in the
impoundments v	will be moved to a lined structural fill, a	a lined landfill, or an alternative
disposition appro	oved by Department.	
PART XII. AP	PROPRIATION	
SEC	<b>FION 12.</b> There is appropriated from the C	General Fund to the Department of
Environment and Natural Resources the sum of one million four hundred thousand dollars		
(\$1,400,000) for the 2013-2014 Fiscal Year to establish nineteen permanent positions and		
associated operation	ting costs to implement this act."	1 ····· F 0.110
Sector Sector	C	
PART XIII. EF	FECTIVE DATE	
SEC	<b>FION 13.</b> This act is effective when it becor	nes law.