

FORM 1 GENERAL	EPA U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION <i>Consolidated Permits Program</i> <i>(Read the "General Instructions" before starting)</i>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">1. EPA I.D. NUMBER</td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> </tr> <tr> <td style="font-size: 8px;">S</td> <td style="font-size: 8px;">F</td> <td style="font-size: 8px;">T</td> <td style="font-size: 8px;">C</td> <td style="font-size: 8px;">D</td> <td style="font-size: 8px;">E</td> </tr> <tr> <td colspan="2">NCD000830919</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="font-size: 8px;">1</td> <td style="font-size: 8px;">2</td> <td style="font-size: 8px;">3</td> <td style="font-size: 8px;">4</td> <td style="font-size: 8px;">5</td> <td style="font-size: 8px;">6</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	1. EPA I.D. NUMBER						S	F	T	C	D	E	NCD000830919						1	2	3	4	5	6						
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LABEL ITEMS I. EPA I.D. NUMBER III. FACILITY NAME V. FACILITY MAILING ADDRESS VI. FACILITY LOCATION		PLEASE PLACE LABEL IN THIS SPACE	GENERAL INSTRUCTIONS If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.																													

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of **bold-faced terms**.

SPECIFIC QUESTIONS	MARK "X"			SPECIFIC QUESTIONS	MARK "X"		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	X		X	D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of hazardous wastes ? (FORM 3)		X		F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

III. NAME OF FACILITY

1. SKIP Cape Fear Steam Electric Plant

IV. FACILITY CONTACT

A. NAME & TITLE (last, first, & title)		B. PHONE (area code & no.)	
Victoria K. Will - Plant Manager		919	774 5200

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX

500 CP&L Road

B. CITY OR TOWN

Moncure

C. STATE

NC

D. ZIP CODE

27559

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER

500 CP&L Road

B. COUNTY NAME

Chatham

C. CITY OR TOWN

Moncure

D. STATE

NC

E. ZIP CODE

27559

F. COUNTY CODE (if known)

CONTINUED FROM THE FRONT

VII. SIC CODES (4 digit in order of priority)			
A. FIRST		B. SECOND	
C 7	4911 (specify)	C 7	(specify)
15 16	19	15 16	19
Electric Power Services			
C. THIRD		D. FOURTH	
C 7	(specify)	C 7	(specify)
15 16	19	15 16	19

VIII. OPERATOR INFORMATION	
A. NAME	
C 8	Carolina Power & Light Company dba Progress Energy Carolinas, Inc
15 16	55
B. Is the name listed in Item VIII-A also the owner? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other," specify)		D. PHONE (area code & no.)	
F = FEDERAL S = STATE P = PRIVATE	M = PUBLIC (other than federal or state) O = OTHER (specify)	C A	(specify)
P		15	18 - 19 19 - 21 22 - 25
		919	774 5200

E. STREET OR P.O. BOX			
500 CP&L Road			
28			
F. CITY OR TOWN		G. STATE	H. ZIP CODE
B Moncure		NC	27559
15 16	40 41 42	47	51
I. INDIAN LAND			
Is the facility located on Indian lands? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
32			

X. EXISTING ENVIRONMENTAL PERMITS			
A. NPDES (Discharges to Surface Water)		D. PSD (Air Emissions from Proposed Sources)	
C 9	N	C 9	P
15 16	17 18	30	15 16 17 18
NC0003433			
B. UIC (Underground Injection of Fluids)		E. OTHER (specify)	
C 9	U	C 9	(specify)
15 16	17 18	30	15 16 17 18
		Title V	
		1057R17	
C. RCRA (Hazardous Wastes)		E. OTHER (specify)	
C 9	R	C 9	(specify)
15 16	17 18	30	15 16 17 18
		WQ0000020	
		Ash utilization	
XI. MAP			

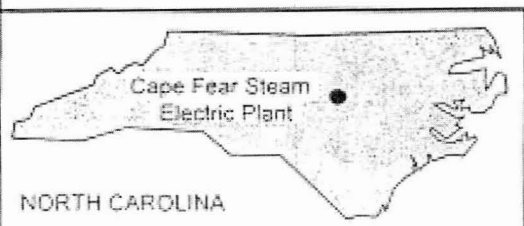
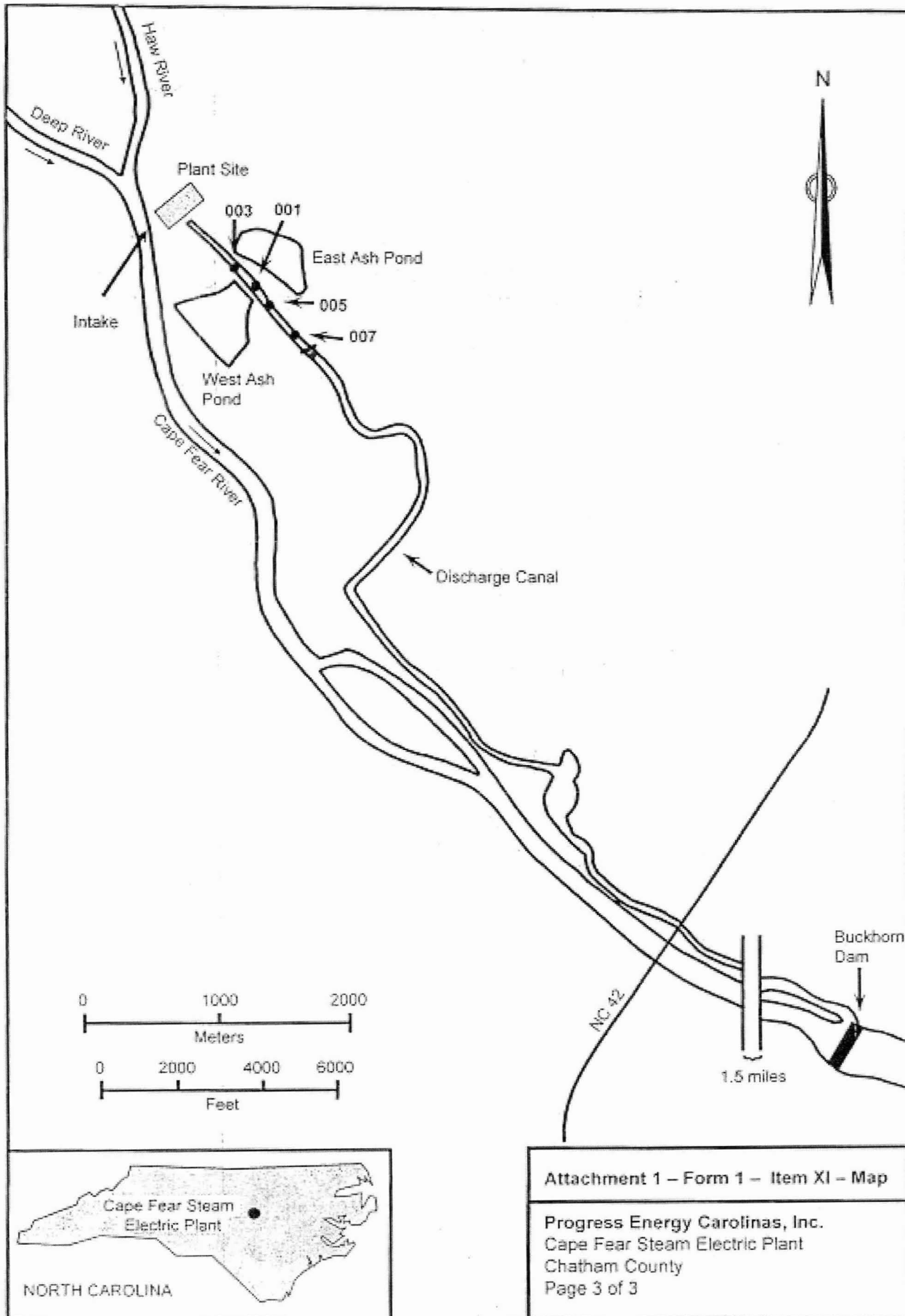
Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)	
Electric Utility - This facility is an electric generating facility consisting of two coal-fired units with a total net capacity of 316 MWe, two heat recovery units with a total net capacity of 28 MWe, and four Internal Combustion (IC) Turbines with a total net capacity of 56 MWe.	

XIII. CERTIFICATION (see instructions)	
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.	

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
Victoria K. Will Plant Manager	<i>Victoria K. Will</i>	1/12/06

COMMENTS FOR OFFICIAL USE ONLY
C 15 16
55



Attachment 1 – Form 1 – Item XI – Map

Progress Energy Carolinas, Inc.
 Cape Fear Steam Electric Plant
 Chatham County
 Page 3 of 3