

**LEGACY CCR SURFACE IMPOUNDMENT
APPLICABILITY REPORT**

ASH POND 2

**CANADYS POWER STATION
DORCHESTER COUNTY
SOUTH CAROLINA**

Prepared For:

**DOMINION ENERGY SOUTH CAROLINA, INC.
220 OPERATIONS WAY, MC C221
CAYCE, SOUTH CAROLINA 29033-3701**

Prepared By:

**CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
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CHARLOTTE, NORTH CAROLINA 28273**



CEC Project No. 343-374

November 2024



Civil & Environmental Consultants, Inc.

TABLE OF CONTENTS

1.0	PURPOSE	1
2.0	REQUIRED INFORMATION	2
2.1	Owner Contact Information	2
2.2	Legacy Surface Impoundment Information	2
3.0	APPLICABILITY.....	4
4.0	OWNER/OPERATOR CERTIFICATION.....	5

APPENDICES

APPENDIX A SITE PLAN

1.0 PURPOSE

On behalf of Dominion Energy South Carolina, Inc. (DESC), Civil & Environmental Consultants, Inc. prepared this legacy coal combustion residual (CCR) surface impoundment applicability report for Ash Pond 2 at the former Canadys Power Station (Canadys Station) located in Walterboro, South Carolina. As documented in this report, Ash Pond 2 meets the definition of a legacy CCR surface impoundment (LSI) under 40 CFR 257.53 of the Legacy CCR Rule published in the Federal Register on May 8, 2024. Pursuant to 40 CFR 257.100(f)(1)(i) and (ii), a Legacy CCR surface impoundment applicability report must be completed and placed into the facility's CCR operating record by November 8, 2024.

2.0 REQUIRED INFORMATION

2.1 OWNER CONTACT INFORMATION

§257.100(f)(1)(i)(A) The name and address of the person(s) owning and operating the legacy CCR surface impoundment with their business phone number and email address.

Owner and Operator: Dominion Energy South Carolina, Inc.
220 Operations Way, MC C221
Cayce, South Carolina 29033-3701
Contact Person: Iris Griffin – Vice President, Power Generation
Business Phone: 803-217-6642
Email: iris.griffin@dominionenergy.com

2.2 LEGACY SURFACE IMPOUNDMENT INFORMATION

§257.100(f)(1)(i)(B) The name associated with the legacy surface impoundment.

LSI Name: Ash Pond 2

§257.100(f)(1)(i) (C) Information to identify the legacy CCR surface impoundment, including a figure of the facility and where the unit is located at the facility, facility address, and the latitude and longitude of the facility.

Refer to **Figure 1** for impoundment location.

Facility Address 13139 Augusta Highway, Walterboro, SC 29488
Facility Latitude: 33.060063 degrees
Facility Longitude: -80.626927 degrees

§257.100(f)(1)(i)(D) The identification number of the legacy CCR impoundment if one has been assigned by the state.

No state identification number has been assigned.

§257.100(f)(1)(i)(E) A description of the current site conditions, including the current use of the inactive facility.

Ash Pond 2 was constructed in and began receiving sluiced CCR from the Canadys Station in 1988. The pond is approximately 98-acres in size. Within the perimeter dike there is an original soil-bentonite slurry wall surrounded by a cement-bentonite slurry wall that was added in 2007. Water within the pond is routed to ditches and flows by gravity to the contiguous polishing pond for settling. Currently, CCR is being excavated and transported offsite for beneficial use. There is approximately 400,000 cubic yards of CCR remaining in Ash Pond 2. Ash Pond 2 is not being used for any Station operations and is preparing for closure by removal as authorized by the South Carolina Department of Health and Environmental Control Industrial Wastewater Permitting Section in their letter of approval LOA-004866 issued on 11/7/18.

3.0 APPLICABILITY

§257.53 Legacy CCR surface impoundment means a CCR surface impoundment that no longer receives CCR but contained both CCR and liquids on or after October 19, 2015, and that is located at an inactive electric utility or independent power producer.

Canadys Station ceased operations in 2014 prior to October 19, 2015, the effective date of the original CCR Rule. Under the revised Legacy CCR Rule, published in the Federal Register May 8, 2024, a surface impoundment that no longer receives CCR but contained both CCR and liquids on or after October 19, 2015, is defined as a “Legacy CCR Surface Impoundment”.

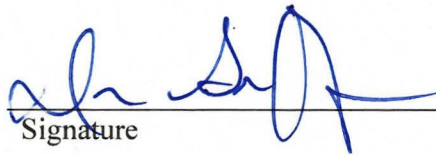
Ash Pond 2 contains both CCR and liquids. As the pond is located at an inactive electric utility power producer and contained both CCR and liquids on or after October 19, 2015, it meets the definition of an LSI under the revised Legacy CCR Rule.

4.0 OWNER/OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this demonstration and all attached documents, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted 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.

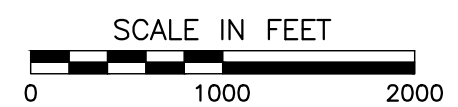
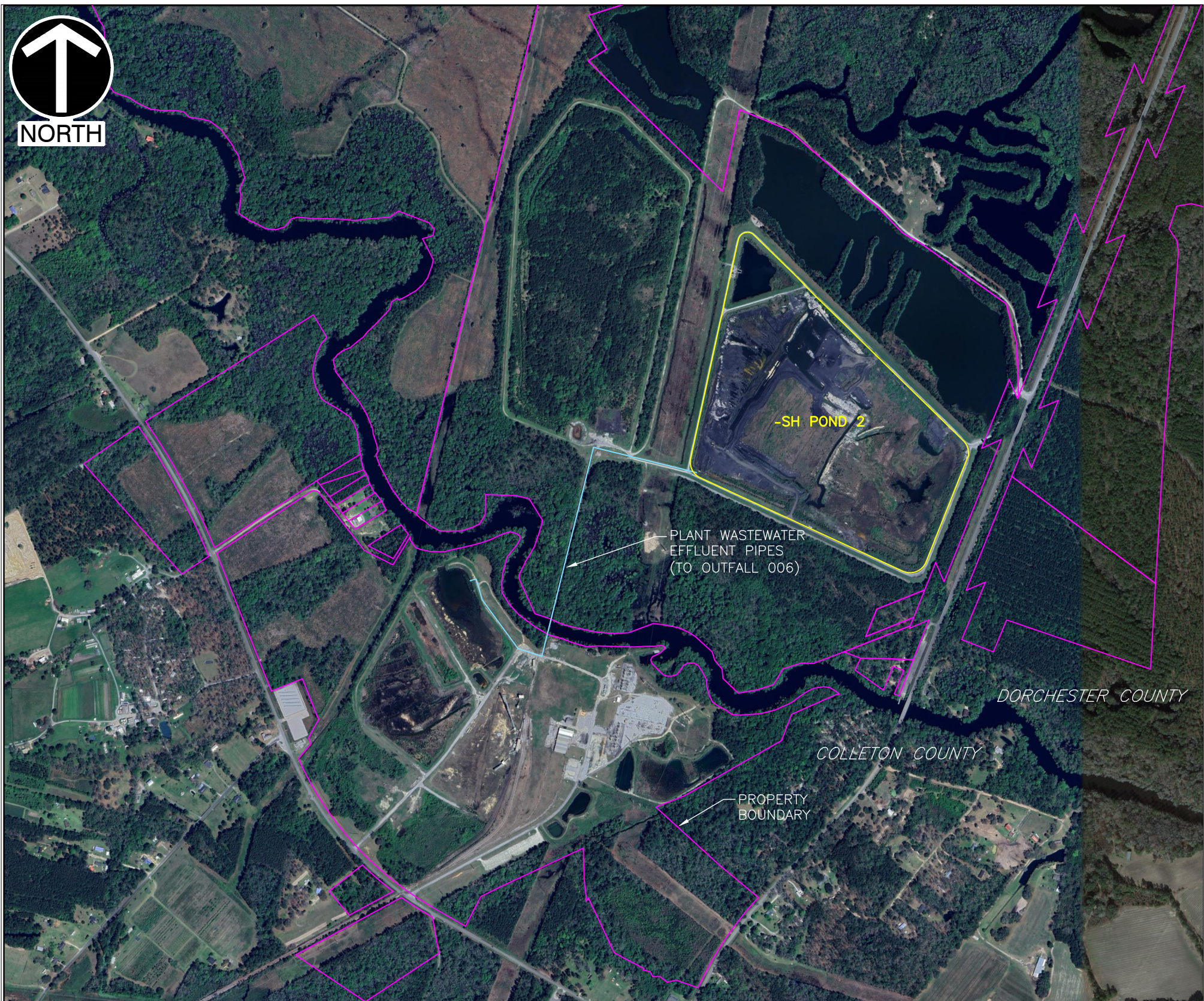
Iris Griffin – Vice President, Power Generation

Printed Name of Authorized Representative of Owner/Operator


Signature

APPENDIX A
SITE PLAN

F:\340-000\343-374\C-CD\DWG\343-374 Site Plan for Canadys Station.dwg[FIGURE 1--SH POND 2] LS:(10/30/2024 - blopez) - LP: 10/30/2024 1:44 PM



REFERENCE

1. -ERI-L PHOTO T-KEN FROM GOOGLE E-RTH PRO, IM-GE D-TED -PRIL 10, 2023.
2. DOMINION ENERGY PROPERTY BOUND-RIES OBT-INED FROM COLLETON COUNTY -ND DORCHESTER COUNTY GIS ON -UGUST 2, 2024.
3. POND OUTLINES B-SED ON FIGURE 2, "F-CILITY L-YOUT & FE-TURES" FROM "CLOSURE PL-N FOR THE C-N-DYS ST-TION SOUTHWEST DISPOS-L -RE- & FORMER CO-L PILE" BY G-RRETT & MOORE D-TED OCTOBER 2020.



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DOMINION ENERGY SOUTH CAROLINA
 APPLICABILITY REPORT
 ASH POND 2
 CANADYS STATION, SOUTH CAROLINA

SITE PLAN

DRAWN BY:	BML	CHECKED BY:	TBM	APPROVED BY:	RB	FIGURE NO.:	1
DATE:	NOVEMBER 2024	DWG SCALE:	1"=1000'	PROJECT NO:	343-374		