

SOUTH CAROLINA ELECTRIC & GAS



DOCUMENTATION OF LINER TYPE

FOR THE
**WATEREE STATION
ASH POND**
RICHLAND COUNTY, SOUTH CAROLINA

OCTOBER 2016



1 OVERVIEW

The EPA Administrator, Gina McCarthy, signed the Disposal of Coal Combustion Residuals from Electric Utilities final rule on December 19, 2014, and it was published in the Federal Register (FR) on April 17, 2015. The regulations provide a comprehensive set of requirements for the safe disposal of coal combustion residuals (CCRs), commonly known as coal ash, from coal-fired power plants. The rule will be administered as part of the Resource Conservation and Recovery Act [RCRA, 42 United States Code (U.S.C.) §6901 et seq.], using the Subtitle D approach.

South Carolina Electric & Gas (SCE&G) is subject to the CCR Rule. Based on SCE&G's review of the rule, the **Ash Pond at SCE&G Wateree Station** has been determined to be an existing CCR surface impoundment subject to the CCR rule requirements.

2 PURPOSE

The purpose of this document is to review the Wateree Station Ash Pond for compliance with CCR rule §257.71 - *Liner design criteria for existing CCR surface impoundments*.

3 APPLICABLE REGULATIONS

The *Liner design criteria for existing CCR surface impoundments* is presented in CCR rule §257.71.

4 ASH POND

Wateree Station is coal-fired electric generation plant located in Eastover, Richland County, South Carolina. The Ash Pond is an approximate 80-acre surface impoundment used for the management of sluiced fly and bottom ash material, as well as other low volume plant wastewaters.

A Closure Plan was prepared for the Ash Pond in 2013 which includes the excavation and removal of all CCR materials. The Closure Plan, entitled *Close Out Plan for the Wateree Station Ash Pond* dated January 2013, was approved by the South Carolina Department of Health and Environmental Control (SCDHEC) in February 2013 (LOA-004214). In preparation for closure activities, SCE&G has been excavating and removing CCR materials from the pond for the past several years. The closure of the Ash Pond is scheduled to be begin in 2017 and be complete by the end of 2020.

5 ASH POND LINER

The Ash Pond does not have a liner conforming to the requirements of CCR rule §257.71.