



Prepared for

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**LINER DESIGN CRITERIA
ASSESSMENT – SOUTH ASH
POND
WINYAH GENERATING STATION**

Prepared by

Geosyntec 
consultants

engineers | scientists | innovators

104 South Main Street, Suite 115
Greenville, SC 29601

Project Number: GSC5242

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INTRODUCTION

This report presents Geosyntec Consultants' (Geosyntec's) liner design criteria assessment for the South Ash Pond at the Winyah Generating Station (WGS).

Liner design criteria assessment for existing impoundments is required under the United States Environmental Protection Agency (USEPA) Coal Combustion Residual (CCR) Rule (CCR Rule) published on 17 April 2015 (40 CFR 257.71(a)). Under the CCR Rule, the South Ash Pond is an "existing surface impoundments" and the existence and design of a liner system must be assessed by a Qualified Professional Engineer.

This report documents that the South Ash Pond is not constructed with a liner that meets the requirements of paragraphs (a)(1)(i), (ii), or (iii) of 40 CFR 257.

CERTIFICATION

The documentation as to whether the CCR units meet the requirements of paragraph (a) of this section (§ 257.71 Liner design criteria for existing CCR surface impoundments.) is accurate.

Certified by:



Date 10/12/2016

C. Fabian Benavente, P.E. South Carolina License Number 32067
Senior Engineer