

Ronald B. Clary
Vice President
New Nuclear Deployment



December 21, 2011
NND-11-0513

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

ATTN: Document Control Desk

Subject: Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3 Combined
License Application (COLA) - Docket Numbers 52-027 and 52-028
Transmittal of the 401 Water Quality Certification

The purpose of this letter is to formally transmit the South Carolina Department of Health and Environmental Control 401 Water Quality Certification issued on December 16, 2011 for the Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3.

Should you have any questions, please contact Mr. Alfred M. Paglia by telephone at (803) 345-4191, or by email at apaglia@scana.com.

Sincerely,

A handwritten signature in black ink that reads "Ronald B. Clary".

Ronald B. Clary
Vice President
New Nuclear Deployment

RBC/jw
Attachment

c: Victor McCree – Region II Regional Administrator
Marion Cherry - Santee Cooper
Stephen A. Byrne
Jeffrey B. Archie
Ronald B. Clary

D083
NRO

Document Control Desk

NND-11-0513

Page 2 of 2

William A. Fox, III – Shaw
Tom Sliva - Westinghouse
Joel Hjelseth - Westinghouse
Alvis J. Bynum
Bill McCall - Santee Cooper
Dan Patton - Bechtel
Kathryn M. Sutton – Morgan Lewis
Ron Wittschen - Shaw
Patricia Vokoun
Joseph M. Sebrosky
James Reece
Rahsean Jackson
April Rice
Johnnie Waller
VCSummer2&3ProjectMail@Shawgrp.com
vcsummer2&3project@westinghouse.com
DCRM-EDMS@SCANA.COM

BOARD:
Paul C. Aughtry, III
Chairman
Edwin H. Cooper, III
Vice Chairman
Steven G. Kisner
Secretary



C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment

BOARD:
Henry C. Scott
M. David Mitchell, MD
Glenn A. McCall
Coleman F. Buckhouse, MD

December 16, 2011

South Carolina Electric & Gas
1162 State Hwy 213
Jenkinsville SC 29065

Re: Certification in Accordance with Section 401 of the Clean Water Act, as amended and the Coastal Zone Management Program (48-39-10 et. seq., and 15 CFR 93)

South Carolina Electric & Gas
Placement of fill in waters of the US
Broad River
Fairfield County
P/N 2007-1852-SIR (R)

Dear Sir or Madam:

The South Carolina Department of Health and Environmental Control (Department) and Ocean and Coastal Resource Management (OCRM) have reviewed plans for this project and determined there is a reasonable assurance that the proposed project will be conducted in a manner consistent with the Certification requirements of Section 401 of the Federal Clean Water Act, as amended, and the Coastal Zone Management Act (48-39-10 et. seq., and 15 CFR 93).

In accordance with the provisions of Section 401, we certify that this project, subject to the indicated conditions, is consistent with applicable provisions of 303 of the Federal Clean Water Act, as amended. We also certify that there are no applicable effluent limitations under Sections 301(b) and 302, and that there are no applicable standards under Sections 306 and 307.

This certification is subject to the following conditions:

1. The applicant must implement appropriate best management practices that will minimize erosion and migration of sediments on and off the project site during and after construction. These practices should include the use of appropriate grading and sloping techniques, mulches, silt fences, or other devices capable of preventing erosion, migration of sediments, and bank failure. All disturbed land surfaces and sloped areas affected by the project must be stabilized.
2. Prior to beginning any land disturbing activity, appropriate erosion control measures, such as silt fences, silt barriers, or other devices, must be placed between the disturbed area and the affected waterway or wetland; and maintained in a functioning capacity until the area is permanently stabilized.
3. Construction activities must avoid to the greatest extent practicable, encroachment into any waterbody/wetland areas not designated as impact areas.

4. All necessary measures must be taken to prevent oil, tar, trash, debris and other pollutants from entering the adjacent waters or wetlands, and offsite areas.
5. Once the project is initiated, it must be carried to completion in an expeditious manner in order to minimize the period of disturbance to the environment.
6. Any riprap used at the project must consist of clean stone or masonry material free of all potential sources of pollution.
7. Excavated material must not be stockpiled in the adjacent wetlands, but placed on barges or on high ground, when possible. If the excavated material is temporarily placed in wetlands, it must be placed at intervals to allow for adequate circulation of water in the marsh.
8. All excavated materials not used as backfill must be hauled off site or placed on high land and properly contained and permanently stabilized to prevent erosion.
9. Only clean earthen material free of all potential sources of pollution must be used as backfill.
10. Any equipment used within wetlands must be equipped with high floatation tires when possible to minimize rutting and compaction.
11. Upon project completion, all disturbed riverbed areas and wetlands not designated as permanent impact areas must be restored to their original contours and conditions, and stabilized with vegetative cover, riprap, or other erosion control methods as appropriate.
12. Construction activities in Monticello Reservoir and Parr Reservoir must be minimized during the months of March, April, May, and June because of potential impacts to fish spawning.
13. SCE&G must notify the South Carolina Department of Natural Resources in the event of a water quality excursion.
14. SCE&G must perform the proposed water quality, fish population, macroinvertebrate population, and sediment monitoring as proposed in the submission dated September 16, 2011, with the subsequent revisions agreed to in coordination with the commenting resources agencies.
15. SCE&G and Santee Cooper must provide compensatory mitigation for unavoidable impacts in accordance with the proposed compensatory mitigation plan dated May 24, 2011, and the subsequent revisions dated July 19, 2011, and September 16, 2011.

Page: 3
South Carolina Electric & Gas
December 16, 2011

The Department reserves the right to impose additional conditions on this Certification to respond to unforeseen, specific problems that might arise and to take any enforcement action necessary to ensure compliance with State water quality standards.

Sincerely,

A handwritten signature in black ink, appearing to read "Heather Preston", with a long horizontal flourish extending to the right.

Heather Preston, Director
Division of Water Quality
Bureau of Water

cc: U.S. Army Corps of Engineers,
Charleston District Office
SC DHEC, Columbia EQC Office District Office