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#### SUPPLEMENTARY INFORMATION:

### I. Accessing Information and Submitting Comments

#### A. Accessing Information

Please refer to Docket ID NRC-2011-0135 when contacting the NRC about the availability of information regarding this document. You may access information related to this document by the following methods:

- *Federal Rulemaking Web Site*: Go to <http://www.regulations.gov> and search for Docket ID NRC-2011-0135.
- *NRC's Agencywide Documents Access and Management System (ADAMS)*: You may access publicly-available documents online in the NRC Library at <http://www.nrc.gov/reading-rm/adams.html>. To begin the search, select "ADAMS Public Documents" and then select "Begin Web-based ADAMS Search." For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1-800-397-4209, 301-415-4737, or by email to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov).

The draft ISG is located in ADAMS, as listed in the table below:

ADAMS Document	ADAMS accession number
Part 1 Chapters 7-18 .....	ML111570224
Part 2 Chapters 7-18 .....	ML111160065

- *NRC's PDR*: You may examine and purchase copies of public documents at the NRC's PDR, Room O1-F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852.

#### B. Submitting Comments

Please include Docket ID NRC-2011-0135 in the subject line of your comment submission, in order to ensure that the NRC is able to make your comment submission available to the public in this docket.

The NRC cautions you not to include identifying or contact information in comment submissions that you do not want to be publicly disclosed. The NRC posts all comment submissions at <http://www.regulations.gov> as well as entering the comment submissions into ADAMS, and the NRC does not edit comment submissions to remove identifying or contact information.

If you are requesting or aggregating comments from other persons for submission to the NRC, then you should inform those persons not to include identifying or contact information in their comment submissions that they do not want to be publicly disclosed. Your

request should state that the NRC will not edit comment submissions to remove such information before making the comment submissions available to the public or entering the comment submissions into ADAMS.

The NRC is issuing this notice to solicit public comments on NPR-ISG-2011-002. After the NRC staff considers public comments, it will make a determination regarding issuance of the final ISG.

Dated at Rockville, Maryland, this 3rd day of April, 2011.

For the Nuclear Regulatory Commission.

**Jessie F. Quichocho,**

*Chief, Research and Test Reactors Licensing Branch, Division of Policy and Rulemaking, Office of Nuclear Reactor Regulation.*

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### NUCLEAR REGULATORY COMMISSION

[Docket Nos. 052-00027 and 052-00028; NRC-2008-0441]

### V. C. Summer Nuclear Station, Units 2 and 3 Combined Licenses and Record of Decision

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Notice of issuance.

#### FOR FURTHER INFORMATION CONTACT:

Denise McGovern, Office of New Reactors, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; telephone: (301) 415-0681; email: [denise.mcgovern@nrc.gov](mailto:denise.mcgovern@nrc.gov).

#### SUPPLEMENTARY INFORMATION:

#### I. Introduction

Pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) 2.106, the Nuclear Regulatory Commission (NRC) is providing notice of the issuance of Combined Licenses (COL), NPF-93 and NPF-94, to South Carolina Electric and Gas (SCE&G) and South Carolina Public Service Authority (Santee Cooper). The (NRC) finds that the applicable standards and requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations have been met. The NRC finds that any required notifications to other agencies or bodies have been duly made and that there is reasonable assurance that the facility will be constructed and will operate in conformity with the license, the provisions of the Act, and the Commission regulations. Furthermore, the NRC finds that the licensees are technically and financially qualified to engage in the activities authorized, and

that issuance of the licenses will not be inimical to the common defense and security or to the health and safety of the public.

Accordingly, the COLs were issued on March 30, 2012, and are effective immediately.

### II. Further Information

The NRC has prepared a Final Safety Evaluation Report (FSER) and Final Environmental Impact Statement (FEIS) that document the information reviewed and NRC's conclusion. The Commission has also issued its Memorandum and Order documenting its final decision on the uncontested hearing held on October 12-13, 2011, which serves as the Record of Decision in this proceeding. In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," details with respect to this action, including the FSER and accompanying documentation included in the combined license package, as well as the Commission's hearing decision, are available online in the NRC Library at <http://www.nrc.gov/reading-rm/adams.html>. From this site, persons can access the NRC's Agencywide Document Access and Management System (ADAMS), which provides text and image files of NRC's public documents. The ADAMS accession numbers for the documents related to this notice are:

ML110450305 "Final Safety Evaluation Report for Combined Licenses for Virgil C. Summer Nuclear Station, Units 2 and 3"  
 ML11098A044 NUREG-1939, Vol 1, "Final Environmental Impact Statement for Combined Licenses for Virgil C. Summer Nuclear Station, Units 2 and 3"  
 ML11098A057 NUREG-1939, Vol 2, "Final Environmental Impact Statement for Combined Licenses for Virgil C. Summer Nuclear Station, Units 2 and 3"  
 ML11187A127 VCSNS COL Application—Revision 5 of the application  
 ML12090A531 Memorandum and Order on the uncontested hearing (record of decision)  
 ML113190371 Combined License No. NPF-93  
 ML113190715 Combined License No. NPF-94

Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS should contact the NRC Public Document Room (PDR) Reference staff by telephone at 1-800-397-4209, 301-415-4737, or by email to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov). The documents

are also available at <http://www.nrc.gov/reactors/new-reactors/col.html>.

These documents may also be viewed electronically on the public computers located at the NRC's PDR, O 1 F21, One White Flint North, 11555 Rockville Pike, Rockville, MD 20852. The PDR reproduction contractor will copy documents for a fee.

Dated at Rockville, Maryland, this 2nd day of April, 2012.

For The Nuclear Regulatory Commission.

**Mark Tonacci,**

*Chief, Licensing Branch 4, Division of New Reactor Licensing, Office of New Reactors.*

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## NUCLEAR REGULATORY COMMISSION

[Docket Nos. 50-269, 50-270, and 50-28; NRC-2012-0088]

### Duke Energy Carolinas, LLC; Environmental Assessment and Finding of No Significant Impact, Oconee Nuclear Station, Units 1, 2, and 3

The U.S. Nuclear Regulatory Commission (NRC) is considering issuance of an exemption to Renewed Facility Operating Licenses DPR-38, DPR-47, and DPR-55, issued to Duke Energy Carolinas, LLC (the licensee), for operation of the Oconee Nuclear Station, Units 1, 2, and 3, located in Oconee County in South Carolina, in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 50.12. Therefore, as required by 10 CFR 51.21, the NRC performed an environmental assessment. Based on the results of the environmental assessment, the NRC is issuing a finding of no significant impact.

#### Environmental Assessment

##### *Identification of the Proposed Action*

Part 50, Appendix G requires that fracture toughness requirements for ferritic materials of pressure-retaining components of the reactor coolant pressure boundary of light-water nuclear power reactors provide adequate margins of safety during any condition of normal operation, including anticipated operational occurrences and system hydrostatic tests, to which the pressure boundary may be subjected over its service lifetime. 10 CFR 50.61 provides fracture toughness requirements for protection against pressurized thermal shock (PTS) events.

The proposed action would grant an exemption from certain requirements of

10 CFR 50.61, "Fracture Toughness Requirements for Protection Against Pressurized Thermal Shock Events," and 10 CFR part 50 Appendix G, "Fracture Toughness Requirements." The exemption would allow use of alternate initial reference nil ductility temperature (RT<sub>NDT</sub>) as described in the NRC approved topical reports, BAW-2308, Revisions 1-A and 2-A, for determining the adjusted RT<sub>NDT</sub> of Linde 80 weld materials present in the beltline region of the Oconee Nuclear Station, (ONS) Units 1, 2, and 3 reactor pressure vessels.

The proposed action is in accordance with the licensee's application dated August 3, 2011 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML11223A010).

##### *The Need for the Proposed Action*

The proposed action is needed to allow the licensee to use alternate initial RT<sub>NDT</sub> (reference nil ductility temperature), as described in the NRC-approved topical reports (TRs), BAW-2308, "Initial RT<sub>NDT</sub> of Linde 80 Weld Materials," Revisions 1-A and 2-A, for determining the adjusted RT<sub>NDT</sub> of Linde 80 weld materials present in the beltline region of the ONS, Units 1, 2, and 3 reactor vessels (RVs).

##### *Environmental Impacts of the Proposed Action*

The NRC has completed its environmental assessment of an exemption. The staff has concluded that the proposed action to allow the use of alternate initial reference nil ductility temperature (RT<sub>NDT</sub>) as described in the NRC approved topical reports BAW-2308, Revisions 1-A and 2-A for determining the adjusted RT<sub>NDT</sub> of Linde 80 weld materials present in the beltline region of the ONS, Units 1, 2, and 3 reactor pressure vessels, would not significantly affect plant safety and would not have a significant adverse effect on the probability of an accident occurring.

The proposed action would not result in an increased radiological hazard beyond those previously analyzed in the updated final safety analysis report for ONS, Units 1, 2, and 3. There will be no change to radioactive effluents that effect radiation exposures to plant workers and members of the public. No changes will be made to plant buildings or the site property. The proposed action does not involve a change to plant building or land areas on the ONS site. Therefore, no changes or different types of radiological impacts are expected as a result of the proposed exemption.

The proposed action does not result in changes to land use or water use, or result in changes to the quality or quantity of non-radiological effluents. No changes to the National Pollution Discharge Elimination System permit are needed. No effects on the aquatic or terrestrial habitat in the vicinity of the plant, or to threatened, endangered, or protected species under the Endangered Species Act, or impacts to essential fish habitat covered by the Magnuson-Stevens Act are expected. There are no impacts to the air or ambient air quality. There are no impacts to historical and cultural resources. There would be no noticeable effect on socioeconomic conditions in the region. Therefore, no changes to or different types of non-radiological environmental impacts are expected as a result of the proposed action. Accordingly, the NRC concludes that there are no significant environmental impacts associated with the proposed action.

The details of the staff's safety evaluation will be provided as part of the letter to the licensee approving issuance of the license amendment.

##### *Environmental Impacts of the Alternatives to the Proposed Action*

As an alternative to the proposed action, the staff considered denial of the proposed action (i.e., the "no-action" alternative). Denial of the application would result in no change in current environmental impacts. The environmental impacts of the proposed action and the alternative action are similar.

##### *Alternative Use of Resources*

The action does not involve the use of any different resources than those previously considered in the Final Environmental Statement for the ONS, Units 1, 2, and 3, dated March 1972, and Final Supplemental Environmental Impact Statement (NUREG-1437, Supplement 2) dated December 1999 (ADAMS Accession No. ML003770518).

##### *Agencies and Persons Consulted*

In accordance with its stated policy, on February 27, 2012, the staff consulted with the South Carolina State official, Mr. Mark Yeager of the South Carolina Department of Health and Environmental Control, regarding the environmental impact of the proposed action. The State official had no comments.

##### **Finding of No Significant Impact**

On the basis of the environmental assessment, the NRC concludes that the proposed action will not have a significant effect on the quality of the