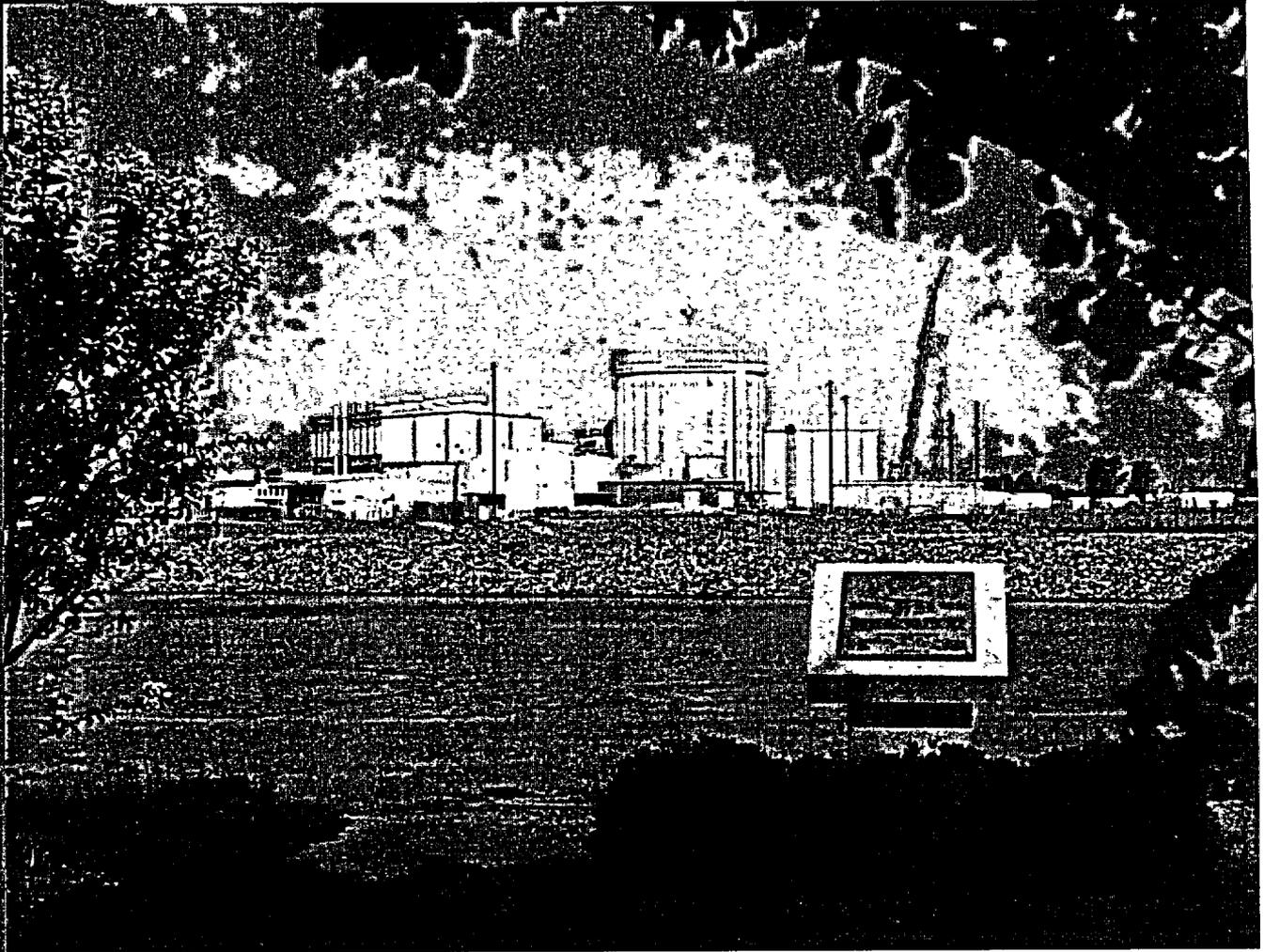


Summer Nuclear  
Station

# License Renewal Application



Docket Number 50/395  
License Number NPF-12

**SCE&G**  
A SCANA COMPANY

**LICENSE RENEWAL APPLICATION  
VIRGIL C. SUMMER NUCLEAR STATION  
DOCKET NO. 50/395  
FACILITY OPERATING LICENSE NO. NPF-12**

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## **SECTION 1 - ADMINISTRATIVE INFORMATION**

### **INTRODUCTION**

Pursuant to Part 54 of Title 10 of the Code of Federal Regulations (10 CFR 54), this application seeks renewal for an additional 20 year term of the facility operating license for Virgil C. Summer Nuclear Station (VCSNS) (NPF-12). The facility operating license (NPF-12) currently expires at midnight August 6, 2022. The application includes renewal of the source, special nuclear, and by-product materials licenses that are combined in the facility operating license.

The application is organized in accordance with the U.S. Nuclear Regulatory Commission Regulatory Guide 1.188, "Standard Format And Content For Applications To Renew Nuclear Power Plant Operating Licenses," April 2001, and is consistent with the guidance provided by NEI 95-10, "Industry Guidelines for Implementing the Requirements of 10 CFR 54 - License Renewal."

The License Renewal Application is intended to provide sufficient information for the NRC to complete its technical and environmental reviews. Pursuant to 10 CFR Parts 54 and 51, respectively, the License Renewal Application is designed to allow the NRC to make the findings required by 10 CFR 54.29 in support of the issuance of a renewed facility operating license for VCSNS. The following is the general information required by 10 CFR 54.17 and 54.19.

### **1.0 ADMINISTRATIVE INFORMATION**

#### **1.1 NAMES OF APPLICANTS**

South Carolina Electric & Gas Company (2/3 owner, and exclusive operator)  
South Carolina Public Service Authority (1/3 owner)

#### **1.2 ADDRESSES OF APPLICANTS**

##### **South Carolina Electric & Gas Company**

US Postal Service Address:  
SCE&G  
Columbia, SC 29218

Private Courier Address:  
SCE&G

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1426 Main Street  
Columbia, SC 29201

All communications pertaining this application should be sent to:

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Senior Vice President - Nuclear Operation  
South Carolina Electric & Gas Company  
Virgil C. Summer Nuclear Station  
P. O. Box 88  
Jenkinsville, SC 29065

Ronald B. Clary  
Manager, Plant Life Extension  
South Carolina Electric & Gas Company  
Virgil C. Summer Nuclear Station  
P. O. Box 88  
Jenkinsville, SC 29065

In addition, it is requested that additional copies be sent to the company's General Counsel and Washington Counsel:

H. Thomas Arthur  
Senior Vice President - General Counsel and Assistant Secretary  
SCANA Corporation  
1426 Main Street  
Columbia, SC 29201

Kathryn M. Sutton  
Winston & Strawn  
1400 L Street, N.W.  
Washington, D.C. 20005-3502

**South Carolina Public Service Authority**

Maxie C. Chaplin  
Senior Vice President, Generation  
South Carolina Public Service Authority  
P. O. Box 2946101  
Moncks Corner, SC 29461-2901

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Robin White  
Nuclear Coordinator  
Virgil C. Summer Nuclear Station  
P. O. Box 88  
Jenkinsville, SC 29065

### **1.3 DESCRIPTION OF BUSINESS**

#### **South Carolina Electric & Gas Company:**

South Carolina Electric & Gas Company (SCE&G), a wholly-owned subsidiary of SCANA Corporation, is primarily engaged in the generation, transmission and distribution of electricity. The service territory covers the southern two-thirds of the state of South Carolina. SCE&G supplies electric service to more than 500,000 residential, commercial, and industrial customers. To service this area, SCE&G operates 19 electric generating facilities with an installed capacity of over 4500 MW electric, including VCSNS.

SCE&G is 2/3 owner of VCSNS and is authorized to act as agent for the South Carolina Public Service Authority and has exclusive responsibility and control over the physical construction, operation and maintenance of the facility.<sup>1</sup>

#### **South Carolina Public Service Authority:**

South Carolina Public Service Authority is a state owned electric and water utility that serves approximately 130,000 retail customers in Berkeley, Georgetown and Horry counties. The utility generates the power distributed by 20 electric cooperatives to more than 450,000 customers located in 46 counties, supplies power to 34 large industries, and the municipalities of Bamberg and Georgetown.

South Carolina Public Service Authority is 1/3 owner of VCSNS.

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1. SCE&G/South Carolina Public Service Authority, Docket No. 50-395, Virgil C. Summer Nuclear Station, Facility Operating License NPF-12

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VIRGIL C. SUMMER NUCLEAR STATION  
DOCKET NO. 50/395  
FACILITY OPERATING LICENSE NO. NPF-12

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## 1.4 ORGANIZATION AND MANAGEMENT OF APPLICANTS

### South Carolina Electric & Gas Company:

**William B. Timmerman**  
President & Chief Executive Officer  
SCANA Corporation  
1426 Main Street  
Columbia, SC 29201

**Neville O. Lorick**  
President and Chief Operating Officer  
South Carolina Electric & Gas Company  
1426 Main Street  
Columbia, SC 29201

**Kevin B. Marsh**  
Chief Financial Officer  
SCANA Corporation  
1426 Main Street  
Columbia, SC 29201

**H. Thomas Arthur**  
Senior Vice President - General Counsel and Assistant Secretary  
SCANA Corporation  
1426 Main Street  
Columbia, SC 29201

**Duane C. Harris**  
Senior Vice President - Human Resources  
SCANA Corporation  
1426 Main Street  
Columbia, SC 29201

**Stephen A. Byrne**  
Senior Vice President - Nuclear Operation  
South Carolina Electric & Gas Company  
Virgil C. Summer Nuclear Station  
P. O. Box 88  
Jenkinsville, SC 29065

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**J. Patrick Hudson**

Corporate Compliance and Internal Auditing Officer  
SCANA Corporation  
1426 Main Street  
Columbia, SC 29201

**South Carolina Public Service Authority:**

**John H. Tiencken**

President and Chief Executive Officer  
South Carolina Public Service Authority  
P. O. Box 2946101  
Moncks Corner, SC 29461-2901

**Bill McCall Jr.**

Executive Vice President and Chief Operations Officer  
South Carolina Public Service Authority  
P. O. Box 2946101  
Moncks Corner, SC 29461-2901

**John S. West**

Executive Vice President and Chief Legal Officer  
South Carolina Public Service Authority  
P. O. Box 2946101  
Moncks Corner, SC 29461-2901

**Lonnie N. Carter**

Senior Vice President Corporate Planning & Bulk Power  
South Carolina Public Service Authority  
P. O. Box 2946101  
Moncks Corner, SC 29461-2901

**Elaine G. Peterson**

Senior Vice President Administration & Finance  
South Carolina Public Service Authority  
P. O. Box 2946101  
Moncks Corner, SC 29461-2901

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### **1.5 CLASS AND PERIOD OF LICENSE SOUGHT**

SCE&G requests renewal of the Class 104b facility operating license for VCSNS (facility operating license NPF-12) for a period of 20 years beyond the expiration of the current license term. License renewal would extend the facility operating license from midnight August 6, 2022 until midnight August 6, 2042. This application includes a request for renewal of those NRC source material, special nuclear material, and by-product material licenses that are currently subsumed or combined with the current facility operating license.

### **1.6 ALTERATION SCHEDULE**

SCE&G does not propose to construct or alter any production or utilization facility in connection with this renewal application.

### **1.7 LISTING OF REGULATORY AGENCIES HAVING JURISDICTION & APPROPRIATE NEWS PUBLICATIONS**

The Public Service Commission of South Carolina has jurisdiction over the rates and services provided by the company's utility operations. It's address is:

Public Service Commission of South Carolina  
Koger Executive Center  
Saluda Building  
101 Executive Center Drive  
Columbia, SC 29210

The news publication that serves the VCSNS surrounding area is The State newspaper. It's address is:

The State Newspaper  
P. O. Box 1333  
Columbia, SC 29202

### **1.8 CONFORMING CHANGES TO THE STANDARD INDEMNITY AGREEMENT**

10 CFR 54.19(b) requires that license renewal applications include, ".....conforming changes to the standard indemnity agreement, 10 CFR 140.92 Appendix B, to account for the expiration term of the proposed renewal license." The current indemnity agreement (No. B-86) for VCSNS states in Article VII that the agreement shall terminate at the time of expiration of the license specified in Item 3 of the Attachment to the agreement, which is the last to expire. Item 3 of the Attachment to the indemnity agreement, as revised by Amendment No. 2 lists two license numbers (SNM-1834 and NPF-12). SCE&G requests that conforming changes be made to Article VII of the indemnity agreement, and Item 3 of the Attachment to that agreement, specifying the extension of agreement until the expiration date of the

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renewed VCSNS facility operating license as sought in this application. In addition, should the license numbers be changed upon issuance of the renewal license, SCE&G requests that conforming changes be made to Item 3 of the Attachment, and any other sections of the indemnity agreement as appropriate.

### **1.9 RESTRICTED DATA AGREEMENT**

This application does not contain any Restricted Data or National Security Information, and SCE&G does not expect that any activity under the renewed license for VCSNS will involve such information. However, if such information were to become involved, SCE&G agrees that it will appropriately safeguard such information and not permit any individual to have access to, or any facility to possess, such information until the individual or facility has been approved under the provisions of Parts 10 CFR 25 or 10 CFR 95, respectively.

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