



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION II  
245 PEACHTREE CENTER AVENUE NE, SUITE 1200  
ATLANTA, GEORGIA 30303-1257

April 9, 2013

Mr. Thomas D. Gatlin  
Vice President - Nuclear Operations  
South Carolina Electric & Gas Company  
Virgil C. Summer Nuclear Station  
P.O. Box 88  
Jenkinsville, SC 29065

SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION – NOTIFICATION OF LICENSED  
OPERATOR INITIAL EXAMINATION 05000395/2013301

Dear Mr. Gatlin:

In a meeting on November 16, 2012, between Mr. Robert N. Johnston, Operations Training, and Mr. Kenneth Schaaf, Operations Engineer, arrangements were made for the administration of licensing examinations at Virgil C. Summer Nuclear Plant. The operating test is scheduled to be administered during the weeks of August 19, 2013, and August 26, 2013. The written examination is scheduled to be administered the week of September 2, 2013. The on-site preparatory week is scheduled for the week of July 29, 2013.

As agreed during the meeting, your staff will prepare both the operating test and written examination based on the guidelines in Revision 9, Supplement 1, of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors." The U.S. Nuclear Regulatory Commission (NRC) regional office will discuss with your staff any changes that might be necessary before the examinations are administered. Your staff has also agreed to make copies of all examination materials that are necessary for administering the examination.

To meet the above schedule, your staff initially furnished the operating test outline to the NRC on January 14, 2013. Mr. Schaaf provided a written examination outline to your staff in October 2012. The operating test, written examination and the supporting reference materials identified in Attachment 3, to ES-201, will be due by July 5, 2013. Pursuant to Title 10, Section 55.40(b)(3), of the Code of Federal Regulations (10 CFR 55.40(b)(3)), an authorized representative of the facility licensee shall approve the outline, examination, and test before they are submitted to the NRC for review and approval. All materials shall be complete and ready-to-use.

We request that any personal, proprietary, sensitive unclassified, or safeguards information in your response be contained in a separate enclosure and appropriately marked. Any delay in receiving the required examination and reference materials, or the submittal of inadequate or incomplete materials may cause the examinations to be rescheduled.

In order to conduct the requested written examinations and operating tests, it will be necessary for your staff to provide adequate space and accommodations in accordance with ES-402, and to make the simulation facility available on the dates noted above. In accordance with ES-302, your staff should retain the original simulator performance data (e.g., system pressures, temperatures, and levels) generated during the dynamic operating tests until the examination results are final.

Appendix E, of NUREG-1021, contains a number of NRC policies and guidelines that will be in effect while the written examinations and operating tests are being administered.

To permit timely NRC review and evaluation, your staff should submit preliminary reactor operator and senior reactor operator license applications, medical certifications, and waiver requests (if any), at least 30 days before the first examination date. If the applications are not received at least 30 days before the examination date, a postponement may be necessary. Signed applications certifying that all training has been completed should be submitted at least 14 days before the first examination date.

This letter contains information collections that are subject to the *Paperwork Reduction Act of 1995* (44 U.S.C. 3501 et seq.). These information collections were approved by the Office of Management and Budget (OMB) under approval number 3150-0018, which expires on February 28, 2013. The public reporting burden for this collection of information is estimated to average 500 hours per response, including the time for reviewing instructions, gathering and maintaining the data needed, writing the examinations, and completing and reviewing the collection of information. Send comments on any aspect of this collection of information, including suggestions for reducing the burden, to the Information and Records Management Branch (T-6 F33), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet electronic mail at [infocollectsresource@nrc.gov](mailto:infocollectsresource@nrc.gov); and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0018), Office of Management and Budget, Washington, DC 20503.

The NRC may neither conduct nor sponsor, and a person is not required to respond to an information collection, unless it displays a currently valid OMB control number.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of the NRC's document system (ADAMS). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm.adams.html> (the Public Electronic Reading Room).

Thank you for your cooperation in this matter. Mr. Johnston has been advised of the policies and guidelines referenced in this letter. If you have any questions regarding the NRC's examination procedures and guidelines, please contact Mr. Kenneth Schaaf at (404) 997-4568, (Internet E-mail: [Kenneth.Schaaf@nrc.gov](mailto:Kenneth.Schaaf@nrc.gov)), or me at (404) 997-4550, (Internet E-mail: [Malcolm.Widmann@nrc.gov](mailto:Malcolm.Widmann@nrc.gov)).

Sincerely,

**//RA//**

Malcolm T. Widmann, Chief  
Operations Branch  
Division of Reactor Safety

Docket No.: 50-395  
License No.: NPF-12

cc: (See page 4)

cc:

J. B. Archie  
Senior Vice President  
Nuclear Operations and Chief Nuclear  
Officer  
South Carolina Electric & Gas Company  
Electronic Mail Distribution

George A. Lippard, III  
General Manager  
Nuclear Plant Operations  
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Andy T. Barbee  
Director  
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Wayne D. Stuart  
(Acting) General Manager  
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Robin R. Haselden  
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Division of Radiological Health  
TN Dept. of Environment & Conservation  
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Senior Resident Inspector  
Virgil C. Summer Nuclear Station  
U.S. NRC  
576 Stairway Road  
Jenkinsville, SC 29065

South Carolina Electric & Gas Company  
ATTN: Mr. Michael W. Mosley  
Training Manager  
Virgil C. Summer Nuclear Station  
P. O. Box 88  
Jenkinsville, SC 29065

FOR OFFICIAL USE ONLY



Richard T. Garner  
Interim Manager, Nuclear Training  
803.931.5636

September 11, 2013

Mr. Kenneth D. Schaaf  
Operations Branch  
Division of Reactor Safety  
U. S. Nuclear Regulatory Commission, Region II  
245 Peachtree Center Ave. N.E., Suite 1200  
Atlanta, GA 30303-1257

Dear Mr. Schaaf:

Subject: VIRGIL C. SUMMER NUCLEAR STATION (VCSNS) UNIT 1  
DOCKET NO. 50-395  
OPERATING LICENSE NO. NPF-12  
INITIAL OPERATOR LICENSE EXAMINATION  
POST EXAMINATION SUBMITTAL

The V. C. Summer Initial License Operating Examination was administered in the weeks of August 19, 2013 and August 26, 2013. The VCSNS Initial License Written Examination was administered on September 5, 2013. We are enclosing the following as required by Revision 9, Supplement 1, of NUREG 1021, "Operator Licensing Examination Standards for Power Reactors:"

1. Each applicant's original answer and examination cover sheets plus two clean copies of each applicant's answer sheet;
2. The master examinations and answer keys;
3. Questions asked by and answers given to the applicants during the written examination;
4. Written examination seating chart;
5. Post-examination comments and facility responses; and
6. Written examination performance analysis.

As agreed, the examination security agreement will be sent via email at a later date.

If you require any additional information or have any questions, please contact Robert Johnston at (803)931-5173.

Very truly yours,

A handwritten signature in blue ink, appearing to read "Richard T. Garner", is written over a blue circular stamp.

Richard T. Garner

TS/RTG/dr  
Enclosures

c: (Without Enclosure unless noted)  
V. M. McCree  
M. T. Widmann  
M. E. Franke  
K. D. Schaaf (NRC e-mail notification)  
R. N. Johnston (w/Enclosures)

NRC Resident Inspector  
RTS (CR-13-00065)  
File (814.04, RR 1050)  
PRSF (RC-13-0141)



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NUCLEAR REGULATORY COMMISSION**  
REGION II  
245 PEACHTREE CENTER AVENUE NE, SUITE 1200  
ATLANTA, GEORGIA 30303-1257

South Carolina Electric & Gas Company  
ATTN: Mr. M. Mosley  
Training Manager  
Virgil C. Summer Nuclear Station  
P. O. Box 88  
Jenkinsville, SC 29065

**SUBJECT: V.C. SUMMER NUCLEAR POWER PLANT - OPERATOR LICENSING - OPERATING  
EXAMINATION APPROVAL 05000395/2013301**

Dear Mr. Mosley:

The purpose of this letter is to confirm the final arrangements for the upcoming operator licensing operating examination at the V.C. Summer Nuclear Power Plant.

The U.S. Nuclear Regulatory Commission (NRC) has completed its review of the operator license applications submitted in connection with this examination and separately provided a list of approved applicants to your office. The NRC staff will begin administering the operating tests to individuals, as applicable, during the weeks of August 19, 2013, and August 26, 2013. Note that any examination waivers and application denials have been addressed in separate correspondence.

This examination has undergone extensive review by my staff and representatives responsible for operator training at your facility. Based on this review I have concluded that the operating examination meets the guidelines of NUREG-1021 for content, operational, and discrimination validity. By administering this examination, you also agree that it meets NUREG-1021 guidelines, and is appropriate for measuring the qualifications of licensed operators at your facility. If you determine that this examination is not appropriate for licensing operators at your facility, do not administer the examination and contact me at (404) 997-4550.

Please contact the Chief Examiner, Mr. Kenneth Schaaf, at (404) 997-4568 if you have any questions or identify any errors or changes in license level (RO or SRO) or type of examination (operating test) specified for each applicant on the list of approved applicants.

Sincerely,

Malcolm T. Widmann, Chief  
Operations Branch 1  
Division of Reactor Safety

Docket No.: 50-395  
License No.: NPF-12

South Carolina Electric & Gas Company  
ATTN: Mr. M. Mosley  
Training Manager  
Virgil C. Summer Nuclear Station  
P. O. Box 88  
Jenkinsville, SC 29065

SUBJECT: V.C. SUMMER NUCLEAR POWER PLANT - OPERATOR LICENSING - OPERATING  
EXAMINATION APPROVAL 05000395/2013301

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Sincerely,  
/RA/  
Malcolm T. Widmann, Chief  
Operations Branch 1  
Division of Reactor Safety

Docket No.: 50-395  
License No.: NPF-12

X PUBLICLY AVAILABLE   G NON-PUBLICLY AVAILABLE   SENSITIVE   X NON-SENSITIVE  
ADAMS: Yes   ACCESSION NUMBER: ML   X SUNSI REVIEW COMPLETE

OFFICE	RII:DRS	RII:DRS				
SIGNATURE						
NAME	KSCHAAF	MWIDMANN				
DATE	8/ /2013	8/ /2013				
E-MAIL COPY?	YES   NO	YES   NO	YES   NO	YES   NO	YES   NO	YES   NO

OFFICIAL RECORD COPY



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South Carolina Electric & Gas Company  
ATTN: Mr. Michael W. Mosley  
Training Manager  
Virgil C. Summer Nuclear Station  
P. O. Box 88  
Jenkinsville, SC 29065

**SUBJECT: V. C. SUMMER NUCLEAR POWER PLANT - OPERATOR LICENSING  
WRITTEN EXAMINATION APPROVAL 05000395/2013301**

Dear Mr. Mosley:

The purpose of this letter is to confirm the final arrangements for the upcoming operator licensing written examination at V. C. Summer Nuclear Power Plant.

The U.S. Nuclear Regulatory Commission (NRC) has completed its review of the operator license applications submitted in connection with this examination and separately provided a list of approved applicants to your office. The NRC staff will administer the operating tests to individuals, as applicable, during the weeks of August 19, 2013, and August 26, 2013. Note that any examination waivers and application denials have been addressed in separate correspondence.

The NRC has approved the subject written examination and hereby authorizes you to administer the written examination in accordance with Revision 9, Supplement 1, of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," during the week of September 2, 2013.

This examination has undergone extensive review by my staff and representatives responsible for operator training at your facility. Based on this review I have concluded that the examination meets the guidelines of NUREG-1021 for content, operational, and discrimination validity. By administering this examination, you also agree that it meets NUREG-1021 guidelines, and is appropriate for measuring the qualifications of licensed operators at your facility. If you determine that this examination is not appropriate for licensing operators at your facility, do not administer the examination and contact me at (404) 997-4550.



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Sincerely,

Malcolm T. Widmann, Chief  
Operations Branch 1  
Division of Reactor Safety

Docket No.: 50-395  
License No.: NPF-12

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/RA/  
Malcolm T. Widmann, Chief  
Operations Branch 1  
Division of Reactor Safety

Docket No.: 50-395  
License No.: NPF-12

X PUBLICLY AVAILABLE      NON-PUBLICLY AVAILABLE      SENSITIVE      X NON-SENSITIVE  
ADAMS: Yes      ACCESSION NUMBER:      X SUNSI REVIEW COMPLETE

OFFICE	RII:DRS	RII:DRS				
SIGNATURE						
NAME	KSCHAAF	MWIDMANN				
DATE	8/ /2013	8/ /2013		10/ /2013	10/ /2013	10/ /2013
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO