



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

March 4, 2011

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

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR VIRGIL C. SUMMER NUCLEAR  
STATION (REPORT 05000395/2011001)**

Dear Mr. Gatlin:

On February 10, 2010, the NRC completed its end-of-cycle performance review of Virgil C. Summer Nuclear Station. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2010 through December 31, 2010. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This performance review and enclosed inspection plan do not include security information. A separate letter will include the NRC's assessment of your performance in the Security Cornerstone and its security-related inspection plan.

The NRC determined that overall, Virgil C. Summer Nuclear Station operated in a manner that preserved public health and safety, and met all cornerstone objectives. The NRC determined the performance at Virgil C. Summer Nuclear Station during the most recent quarter was within the Licensee Response column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through June 30, 2012. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

We also plan on conducting the non-ROP inspections for: Operator Licensing Exams; and TI 2515/177 – Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal & Containment Spray System.

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

Please contact me at 404-997-4551 with any questions you have regarding this letter.

Sincerely,

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Gerald J. McCoy, Chief  
Reactor Projects Branch 5  
Division of Reactor Projects

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

Enclosure: Summer Inspection/Activity Plan

cc w/encl.: (See page 3)

cc w/encl:  
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## Summer

## Inspection / Activity Plan

03/01/2011 - 06/30/2012

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1	02/28/2011	03/04/2011	<b>CDBI</b>	<b>- COMPONENT DESIGN BASES INSPECTION</b> Component Design Bases Inspection	10
1	04/18/2011	04/22/2011	<b>PSB1-RP</b>	<b>- OCCUPATIONAL RP RAD HAZARDS ONLY</b> Radiological Hazard Assessment and Exposure Controls	2
1	04/25/2011	04/29/2011	<b>EB3 ISI</b>	<b>- INSERVICE INSPECTION</b> Inservice Inspection Activities - PWR	1
1	06/27/2011	07/01/2011	<b>PSB1-RP</b>	<b>- OCCUPATIONAL RP</b> Occupational ALARA Planning and Controls	3
1	06/27/2011	07/01/2011	IP 71124.02	In-Plant Airborne Radioactivity Control and Mitigation	
1	06/27/2011	07/01/2011	IP 71124.03	Occupational Dose Assessment	
1	06/27/2011	07/01/2011	IP 71124.04	Radiation Monitoring Instrumentation	
1	06/27/2011	07/01/2011	IP 71124.05	Performance Indicator Verification	
1	06/27/2011	07/01/2011	IP 71151		
1	08/08/2011	08/12/2011	<b>OL RQ</b>	<b>- REQUAL INSPECTION</b> Licensed Operator Requalification Program	3
1	08/22/2011	08/26/2011	<b>OL EXAM</b>	<b>- INITIAL EXAM PREP</b> SUMMER/SEPTEMBER 2011 EXAM AT POWER FACILITIES	3
1	09/12/2011	09/16/2011	<b>OL EXAM</b>	<b>- INITIAL EXAM - WEEK 1</b> SUMMER/SEPTEMBER 2011 EXAM AT POWER FACILITIES	3
1	09/19/2011	09/23/2011	<b>OL EXAM</b>	<b>- INITIAL EXAM - WEEK 2</b> SUMMER/SEPTEMBER 2011 EXAM AT POWER FACILITIES	3
1	09/26/2011	09/30/2011	<b>PSB1EP</b>	<b>- EMERGENCY PREPAREDNESS EXERCISE</b> Exercise Evaluation	3
1	09/26/2011	09/30/2011	IP 7111401	Emergency Action Level and Emergency Plan Changes	
1	09/26/2011	09/30/2011	IP 71151	Performance Indicator Verification	
1	01/23/2012	01/27/2012	<b>TI-177</b>	<b>- TI-177</b> Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System	4

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.