



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

March 5, 2012

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: ANNUAL ASSESSMENT LETTER FOR VIRGIL C. SUMMER NUCLEAR
STATION, UNIT 1 – REPORT 05000395/2011007**

Dear Mr. Gatlin:

On February 15, 2012, the NRC completed its end-of-cycle performance review of Virgil C. Summer Nuclear Station, Unit 1. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2011, through December 31, 2011. 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, Unit 1 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, Unit 1 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, 2013. 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 several non-ROP inspections which include: Temporary Instruction (TI) 2515/182, Review of Implementation of the Industry Initiative to Control Degradation of Underground Piping, TI 2515/177, Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal & Containment Spray System, and an NFPA 805 Audit.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice, "a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's Agencywide Document Access and Management 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 may have regarding this letter.

Sincerely,

/RA/

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

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

Enclosure: Virgil C. Summer Inspection / Activity Plan
(03/01/2012 – 06/30/2013)

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Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1	03/26/2012	03/30/2012	TI-177 IP 2515/177	- TI-177 GAS INTRUSION Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System	3
1	04/24/2012	04/26/2012	SUM TFPI IP 7111105T	- TRIENNIAL FIRE PROTECTION INSPECTION Fire Protection [Triennial]	5
1	05/07/2012	05/11/2012	IP 7111105T	Fire Protection [Triennial]	
1	05/21/2012	05/25/2012	IP 7111105T	Fire Protection [Triennial]	
1	06/04/2012	06/08/2012	NRR IP 7111105P	- NFPA 805 AUDIT BY NRR Fire Protection-NFPA 805 Transition Period [Triennial]	17
1	08/27/2012	08/31/2012	PSB1-RP IP 71124.06	- PUBLIC RADIATION SAFETY BASELINE Radioactive Gaseous and Liquid Effluent Treatment	3
1	08/27/2012	08/31/2012	IP 71124.07	Radiological Environmental Monitoring Program	
1	08/27/2012	08/31/2012	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1	08/27/2012	08/31/2012	IP 71151	Performance Indicator Verification	
1	09/10/2012	09/14/2012	PSB1EP IP 7111402	- EMERGENCY PREPAREDNESS INSPECTION Alert and Notification System Testing	2
1	09/10/2012	09/14/2012	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	09/10/2012	09/14/2012	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	09/10/2012	09/14/2012	IP 71151	Performance Indicator Verification	
1	09/10/2012	09/14/2012	PI&R IP 71152B	- PROBLEM IDENTIFICATION AND RESOLUTION Problem Identification and Resolution	5
1	09/24/2012	09/28/2012	IP 71152B	Problem Identification and Resolution	
1	10/15/2012	10/19/2012	PSB1-RP IP 71124.01	- RADIOLOGICAL HAZARD ASSESSMENT Radiological Hazard Assessment and Exposure Controls	2
1	10/22/2012	10/26/2012	EB3 ISI IP 7111108P	- SUM ISI AND RPVH EXAMS Inservice Inspection Activities - PWR	2
1	03/11/2013	03/15/2013	TI-182 IP 2515/182	- TI-182 BURIED PIPING/TANK - PHASE 1 Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	1
1	04/01/2013	04/05/2013	MODS IP 7111117T	- PERM MODS 50.59 INSPECTION Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	4
1	04/15/2013	04/19/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1	06/17/2013	06/21/2013	HS IP 7111107T	- TRIENNIAL HEAT SINK PERFORMANCE Heat Sink Performance	1

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