



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

September 1, 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: MID-CYCLE LETTER FOR VIRGIL C. SUMMER NUCLEAR STATION UNIT 1 -
NRC ASSESSMENT REPORT 05000395/2011008**

Dear Mr. Gatlin:

On August 11, 2011, the NRC completed its mid-cycle performance review of VC Summer Nuclear Station Unit 1. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2010, through June 30, 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 the performance at VC 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. We also plan to conduct a non-ROP inspection, TI 2515/177, "Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal & Containment Spray System."

The enclosed inspection plan lists the inspections scheduled through December 31, 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 end-of-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.

In the days following the Fukushima Daiichi nuclear accident in Japan, the Commission directed the staff to establish a senior-level agency task force to conduct a methodical and systematic review of the NRC's processes and regulations to determine whether the agency should make additional improvements to its regulatory system. The NRC has since completed Temporary Instruction (TI) 183, "Follow-up to Fukushima Daiichi Nuclear Station Fuel Damage Event," and TI-184, "Availability and Readiness Inspection of Severe Accident Management Guidelines (SAMGs)" at your facility. Results of these inspections can be found here:

<http://www.nrc.gov/japan/japan-activities.html>. Additionally, on May 11, 2011, the agency issued NRC Bulletin 2011-01, "Mitigating Strategies," to confirm compliance with Order EA-02-026, subsequently imposed license conditions, and 10 CFR 50.54(hh)(2), and to determine the status of licensee mitigating strategies programs. On July 12, 2011, the NRC's Task Force made its recommendations to the Commission in its report, "Recommendations for Enhancing Reactor Safety in the 21st Century: The Near-Term Task Force Review of Insights from the Fukushima Daiichi Accident." The Commission is currently reviewing the Task Force's recommendations to determine whether additional actions may be warranted.

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 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: V.C. Summer Inspection / Activity Plan (09/01/2011 – 12/31/2012)

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X PUBLICLY AVAILABLE

NON-PUBLICLY AVAILABLE

X SENSITIVE

NON-SENSITIVE

ADAMS: XYes

ACCESSION NUMBER: PKG: ML112440054

X SUNSI REVIEW COMPLETE X FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP											
SIGNATURE	GJM1 for	GJM1											
NAME	SNinh	GMcCoy											
DATE	09/01/2011	09/01/2011											
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: S:\DRP\PERIODIC ASSESSMENTS & REPORTS\EOC & MID-CYCLE\2011\MID-CYCLE\INPUT\RPB5\SUM\SUM-MID-CYCLE LTR 2011.DOCX

cc w/encl:
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Letter to Thomas D. Gatlin from Gerald J. McCoy dated September 1, 2011

SUBJECT: MID-CYCLE LETTER FOR VIRGIL C. SUMMER NUCLEAR STATION UNIT 1 -
NRC ASSESSMENT REPORT 05000395/2011008

Distribution w/encl:

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RIDSNRRDIRS

PUBLIC

RidsNrrPMSummer Resource

ROPReports

Institute of Nuclear Power Operations (INPO)

Summer
 Inspection / Activity Plan
 09/01/2011 - 12/31/2012

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1	09/12/2011	09/16/2011	OL EXAM - INITIAL EXAM - WEEK 1 V23356	SUMMER/SEPTEMBER 2011 EXAM AT POWER FACILITIES	3
1	09/19/2011	09/23/2011	OL EXAM - INITIAL EXAM - WEEK 2 V23356	SUMMER/SEPTEMBER 2011 EXAM AT POWER FACILITIES	3
1	09/26/2011	09/30/2011	PSB1EP - EMERGENCY PREPAREDNESS EXERCISE IP 7111401	Exercise Evaluation	5
1	09/26/2011	09/30/2011	IP 7111404	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	TI-177 - TI-177 GAS INTRUSION IP 2515/177	Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System	3
1	05/21/2012	05/25/2012	SUM TFPI - TRIENNIAL FIRE PROTECTION INSPECTION IP 7111105P	Fire Protection-NFPA 805 Transition Period [Triennial]	5
1	06/04/2012	06/08/2012	IP 7111105P	Fire Protection-NFPA 805 Transition Period [Triennial]	
1	08/27/2012	08/31/2012	PSB1-RP - PUBLIC RADIATION SAFETY BASELINE IP 71124.06	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 - EMERGENCY PREPAREDNESS INSPECTION IP 7111402	Alert and Notification System Testing	1
1	09/10/2012	09/14/2012	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	09/10/2012	09/14/2012	IP 7111404	Emergency Action Level and Emergency Plan Changes	
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 - PROBLEM IDENTIFICATION AND RESOLUTION IP 71152B	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 - RADIOLOGICAL HAZARD ASSESSMENT IP 71124.01	Radiological Hazard Assessment and Exposure Controls	2
1	10/22/2012	10/26/2012	7111108 - SUMMER ISI AND RPVH EXAMS IP 7111108P	Inservice Inspection Activities - PWR	2

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