



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

September 4, 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: MID-CYCLE LETTER FOR VIRGIL C. SUMMER NUCLEAR STATION UNIT 1 -
NRC ASSESSMENT REPORT 05000395/2012006**

Dear Mr. Gatlin:

On August 16, 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, 2011, through June 30, 2012. 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 assessment reflects the integration of the Security Cornerstone into the ROP performance assessment program governed by IMC 0305, "Operating Reactor Assessment Program."

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.

The enclosed inspection plan lists the inspections scheduled through December 31, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to the baseline inspections, we will conduct an Operating License Initial Exam, Temporary Instruction (TI) 2515/182, Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks, and consistent with the Agency's actions related to Fukushima, TI-2515/187, "Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns" and TI-2515/188 "Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns." 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. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

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T. Gatlin

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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: V.C. Summer Inspection / Activity Plan (09/01/2012 – 12/31/2013)

cc w/Encl: (See page 3)

T. Gatlin

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cc w/encl:
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Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1	09/17/2012 09/21/2012	PSB1EP - EMERGENCY PREPAREDNESS INSPECTION		2
		IP 7111402	Alert and Notification System Testing	
1	09/17/2012 09/21/2012	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	09/17/2012 09/21/2012	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	09/17/2012 09/21/2012	IP 711151	Performance Indicator Verification	
		PI&R - PROBLEM IDENTIFICATION AND RESOLUTION		9
1	09/10/2012 09/14/2012	IP 71152B	Problem Identification and Resolution	
1	09/24/2012 09/28/2012	IP 71152B	Problem Identification and Resolution	
		PSB1-RP - RADIOLOGICAL HAZARD ASSESSMENT		2
1	10/15/2012 10/19/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
		TI-188 - TI-188 P2 - NTTF 2.3 - SEISMIC WALKDOWNS		1
1	10/17/2012 10/19/2012	IP 2515/188	Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns	
		EB3 ISI - SUM ISI AND RPVH EXAMS		2
1	10/22/2012 10/26/2012	IP 7111108P	Inservice Inspection Activities - PWR	
		TI-182 - TI-182 BURIED PIPING/TANK - PHASE 1		1
1	03/11/2013 03/15/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
		MODS - PERM MODS 50.59 INSPECTION		3
1	04/01/2013 04/05/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1	04/15/2013 04/19/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
		HS - TRIENNIAL HEAT SINK PERFORMANCE		1
1	06/17/2013 06/21/2013	IP 7111107T	Heat Sink Performance	
		EP - EMERGENCY PREPAREDNESS EXERCISE		1
1	07/22/2013 07/26/2013	IP 7111401	Exercise Evaluation	
1	07/22/2013 07/26/2013	IP 711151	Performance Indicator Verification	
		OL EXAM - INITIAL EXAM PREP		3
1	07/29/2013 08/02/2013	V23400	SUMMER U1/AUGUST 2013 INITIAL EXAM AT POWER FACILITIES	
		OL RQ - REQUAL INSPECTION		2
1	08/05/2013 08/09/2013	IP 7111111B	Licensed Operator Requalification Program	
		OL EXAM - INITIAL EXAM WEEK 1		3
1	08/19/2013 08/23/2013	V23400	SUMMER U1/AUGUST 2013 INITIAL EXAM AT POWER FACILITIES	
		PSB1-RP - RP OCCUPATIONAL BASELINE		5
1	08/19/2013 08/23/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	08/19/2013 08/23/2013	IP 71124.02	Occupational ALARA Planning and Controls	

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		PSB1-RP - RP OCCUPATIONAL BASELINE		5
1	08/19/2013 08/23/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	08/19/2013 08/23/2013	IP 71124.04	Occupational Dose Assessment	
1	08/19/2013 08/23/2013	IP 71124.05	Radiation Monitoring Instrumentation	
1	08/19/2013 08/23/2013	IP 71151	Performance Indicator Verification	
		OL EXAM - INITIAL EXAM WEEK 2		3
1	08/26/2013 08/30/2013	V23400	SUMMER U1/AUGUST 2013 INITIAL EXAM AT POWER FACILITIES	
		PSB1-RP - RP OCCUPATIONAL BASELINE WEEK2		3
1	09/09/2013 09/13/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	09/09/2013 09/13/2013	IP 71124.02	Occupational ALARA Planning and Controls	
1	09/09/2013 09/13/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	09/09/2013 09/13/2013	IP 71124.04	Occupational Dose Assessment	
1	09/09/2013 09/13/2013	IP 71124.05	Radiation Monitoring Instrumentation	
1	09/09/2013 09/13/2013	IP 71151	Performance Indicator Verification	

Comments:

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