



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

March 4, 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: ANNUAL ASSESSMENT LETTER FOR VIRGIL C. SUMMER NUCLEAR  
STATION, UNIT 1 – REPORT 05000395/2012001**

Dear Mr. Gatlin:

On February 14, 2013, the U.S. Nuclear Regulatory Commission (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, 2012, through December 31, 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.

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, 2014. 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. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

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We also plan on conducting two non-ROP inspections which include: Temporary Instruction (TI) 2515/182, Review of Implementation of the Industry Initiative to Control Degradation of Underground Piping – Phase 1, and an Initial Operator License Exam.

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  
(03/01/2013 – 06/30/2014)

cc w/encl: (See page 3)

T. Gatlin

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cc w/encl:

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## Summer

## Inspection / Activity Plan

03/01/2013 - 06/30/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1	03/11/2013 03/15/2013	<b>TI-182</b> IP 2515/182	<b>- TI-182 BURIED PIPING/TANK - PHASE 1</b> Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	1
1	07/29/2013 08/02/2013	<b>OL EXAM</b> V23400	<b>- INITIAL EXAM PREP</b> SUMMER U1/AUGUST 2013 INITIAL EXAM AT POWER FACILITIES	3
1	08/05/2013 08/09/2013	<b>OL RQ</b> IP 7111111B	<b>- REQUAL INSPECTION</b> Licensed Operator Requalification Program	2
1	10/07/2013 10/11/2013	<b>EP</b> IP 7111401	<b>- EMERGENCY PREPAREDNESS EXERCISE</b> Exercise Evaluation	1
1	10/07/2013 10/11/2013	IP 71151	Performance Indicator Verification	
1	08/19/2013 08/23/2013	<b>OL EXAM</b> V23400	<b>- INITIAL EXAM WEEK 1</b> SUMMER U1/AUGUST 2013 INITIAL EXAM AT POWER FACILITIES	3
1	08/19/2013 08/23/2013	<b>RP</b> IP 71124.01	<b>- RP OCCUPATIONAL BASELINE</b> Radiological Hazard Assessment and Exposure Controls	3
1	08/19/2013 08/23/2013	IP 71124.02	Occupational ALARA Planning and Controls	
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	
1	08/26/2013 08/30/2013	<b>OL EXAM</b> V23400	<b>- INITIAL EXAM WEEK 2</b> SUMMER U1/AUGUST 2013 INITIAL EXAM AT POWER FACILITIES	3
1	09/09/2013 09/13/2013	<b>RP</b> IP 71124.01	<b>- RP OCCUPATIONAL BASELINE WEEK2</b> Radiological Hazard Assessment and Exposure Controls	2
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	
1	09/16/2013 09/20/2013	<b>HS</b> IP 7111107T	<b>- TRIENNIAL HEAT SINK PERFORMANCE</b> Heat Sink Performance	1
1	11/04/2013 11/08/2013	<b>MODS</b> IP 7111117T	<b>- PLANT MODIFICATIONS INSPECTION</b> Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	4
1	11/18/2013 11/22/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1	04/14/2014 04/18/2014	<b>ISI</b> IP 7111108P	<b>- UNIT 1 IN-SERVICE INSPECTION</b> Inservice Inspection Activities - PWR	1

This report does not include INFO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

Enclosure

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1	04/14/2014 04/18/2014	RP - RP	<b>OCCUPATIONAL BASELINE</b>	3
1	04/14/2014 04/18/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	04/14/2014 04/18/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1	04/14/2014 04/18/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	04/14/2014 04/18/2014	IP 71124.04	Occupational Dose Assessment	
1	04/14/2014 04/18/2014	IP 71124.05	Radiation Monitoring Instrumentation	
1	04/14/2014 04/18/2014	IP 71151	Performance Indicator Verification	
1	04/21/2014 04/25/2014	SGISI - UNIT 1 SG	<b>IN-SERVICE INSPECTION</b>	1
		IP 7111108P	Inservice Inspection Activities - PWR	
1	04/28/2014 05/02/2014	RP - RP	<b>OCCUPATIONAL BASELINE WEEK2</b>	2
1	04/28/2014 05/02/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	04/28/2014 05/02/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1	04/28/2014 05/02/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	04/28/2014 05/02/2014	IP 71124.04	Occupational Dose Assessment	
1	04/28/2014 05/02/2014	IP 71124.05	Radiation Monitoring Instrumentation	
1	04/28/2014 05/02/2014	IP 71151	Performance Indicator Verification	

Comments:

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