



**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.

T. Gatlin

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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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Enclosure: Virgil C. Summer Inspection / Activity Plan
(03/01/2013 – 06/30/2014)

cc w/encl: (See page 3)

☒ PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

☒ NON-SENSITIVE

ADAMS: X Yes

ACCESSION NUMBER: _____

X SUNSI REVIEW COMPLETE ☐ FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	SON:/RA/	GJM:/RA/					
NAME	SNinh	GMcCoy					
DATE	2/27/2013	2/27/2013	3/ /2013	3/ /2013	3/ /2013	3/ /2013	3/ /2013
E-MAIL COPY?	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\2012\END OF CYCLE\INPUT\RPB5\SUMMER\SUMMER U1 EOC LTR 2012.DOCX

T. Gatlin

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cc w/encl:

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T. Gatlin

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Letter to Thomas D. Gatlin from Gerald J. McCoy dated March 4, 2013

SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION - NRC INTEGRATED INSPECTION
REPORT 05000395/2013

Distribution w/encl:

C. Evans

L. Douglas

OE Mail)

RIDSNNRRDIRS

PUBLIC

RidsNrrPMSummer Resource

ROP Assessment

Institute of Nuclear Power Operations (INPO)

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	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	07/29/2013 08/02/2013	OL EXAM V23400	- INITIAL EXAM PREP SUMMER U1/AUGUST 2013 INITIAL EXAM AT POWER FACILITIES	3
1	08/05/2013 08/09/2013	OL RQ IP 7111111B	- REQUAL INSPECTION Licensed Operator Requalification Program	2
1	10/07/2013 10/11/2013	EP IP 71111401	- EMERGENCY PREPAREDNESS EXERCISE Exercise Evaluation	1
1	10/07/2013 10/11/2013	IP 71151	Performance Indicator Verification	
1	08/19/2013 08/23/2013	OL EXAM V23400	- INITIAL EXAM WEEK 1 SUMMER U1/AUGUST 2013 INITIAL EXAM AT POWER FACILITIES	3
1	08/19/2013 08/23/2013	RP IP 71124.01	- RP OCCUPATIONAL BASELINE 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	OL EXAM V23400	- INITIAL EXAM WEEK 2 SUMMER U1/AUGUST 2013 INITIAL EXAM AT POWER FACILITIES	3
1	09/09/2013 09/13/2013	RP IP 71124.01	- RP OCCUPATIONAL BASELINE WEEK2 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	HS IP 7111107T	- TRIENNIAL HEAT SINK PERFORMANCE Heat Sink Performance	1
1	11/04/2013 11/08/2013	MODS IP 7111117T	- PLANT MODIFICATIONS INSPECTION 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	ISI IP 7111108P	- UNIT 1 IN-SERVICE INSPECTION Inservice Inspection Activities - PWR	1

This report does not include INPO and OUTAGE activities.

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

Enclosure

Summer

Inspection / Activity Plan

03/01/2013 - 06/30/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
- RP OCCUPATIONAL BASELINE					
1	04/14/2014	04/18/2014	RP 71124.01	Radiological Hazard Assessment and Exposure Controls	3
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
- UNIT 1 SG IN-SERVICE INSPECTION					
1	04/21/2014	04/25/2014	SGISI IP 7111108P	Inservice Inspection Activities - PWR	
- RP OCCUPATIONAL BASELINE WEEK2					
1	04/28/2014	05/02/2014	RP 71124.01	Radiological Hazard Assessment and Exposure Controls	2
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: