



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

September 3, 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: MID-CYCLE LETTER FOR VIRGIL C. SUMMER NUCLEAR STATION UNIT 1 -
NRC ASSESSMENT REPORT 05000395/2013006**

Dear Mr. Gatlin:

On August 15, 2013, 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, 2012, through June 30, 2013. 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 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, 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 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.

We also plan on conducting three non-ROP inspections which include Temporary Instruction (TI) 2515/182, "Review of Implementation of the Industry Initiative to Control Degradation of Underground Piping – Phase 2," TI 2515/190, "Inspection of the Licensee's Proposed Interim Actions as a Result of the Near-Term Task Force Recommendation 2.1 Flooding Reevaluation", and inspection procedure (IP) 60853, "On-site Fabrication of Components and Construction of An Independent Spent Fuel Storage Installation (ISFSI)".

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
(09/01/2013 – 12/31/2014)

cc: Distribution via Listserv

T. Gatlin

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PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE
ADAMS: Yes ACCESSION NUMBER: ML13246A141 SUNSI REVIEW COMPLETE FORM 665 ATTACHED

| | | | | | | | |
|--------------|------------|------------|--------|--------|--------|--------|--------|
| OFFICE | RII:DRP | RII:DRP | | | | | |
| SIGNATURE | SON /RA/ | GJM /RA/ | | | | | |
| NAME | SNinh | GMcCoy | | | | | |
| DATE | 08/27/2013 | 08/27/2013 | | | | | |
| E-MAIL COPY? | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO |

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRP\IRPB5\2013 MIDCYCLE\2013 MIDCYCLE LETTERSVC
SUMMER MIDCYCLE LTR 2013.DOCX

T. Gatlin

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Letter to Thomas D. Gatlin from Gerald J. McCoy dated September 3, 2013

SUBJECT: MID-CYCLE LETTER FOR VIRGIL C. SUMMER NUCLEAR STATION UNIT 1 -
NRC ASSESSMENT REPORT 05000395/2013006

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Institute of Nuclear Power Operations (INPO)

ROP Reports

| Unit Number | Planned Dates Start End | Inspection Activity | Title | No. of Staff on Site |
|-------------|-------------------------|--|--|----------------------|
| 1 | 10/07/2013 10/11/2013 | EP - EMERGENCY PREPAREDNESS EXERCISE | | 1 |
| | | IP 7111401 | Exercise Evaluation | |
| 1 | 10/07/2013 10/11/2013 | IP 71151 | Performance Indicator Verification | |
| 1 | 09/09/2013 09/13/2013 | RP - RP OCCUPATIONAL BASELINE WEEK2 | | 2 |
| | | 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 | |
| 1 | 09/30/2013 10/04/2013 | HS - TRIENNIAL HEAT SINK PERFORMANCE | | 1 |
| | | IP 7111107T | Heat Sink Performance | |
| 1 | 11/04/2013 11/08/2013 | MODS - PLANT MODIFICATIONS INSPECTION | | 4 |
| | | IP 7111117T | Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications | |
| 1 | 11/18/2013 11/22/2013 | IP 7111117T | Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications | |
| 1 | 11/11/2013 11/15/2013 | ISFSI - ISFSI PAD CONSTRUCTION | | 2 |
| | | IP 60853 | On-Site Fabrication Of Components And Construction On An ISFSI | |
| 1 | 02/03/2014 02/05/2014 | TI-182 - TI-182 BURIED PIPING/TANK - PHASE 2 | | 1 |
| | | IP 2515/182 | Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping | |
| 1 | 04/14/2014 04/18/2014 | ISI - UNIT 1 IN-SERVICE INSPECTION | | 1 |
| | | IP 7111108P | Inservice Inspection Activities - PWR | |
| 1 | 04/21/2014 04/25/2014 | RP - RADIOLOGICAL HAZARDS AND TRANSPORTATION | | 2 |
| | | IP 71124.01 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 04/21/2014 04/25/2014 | IP 71124.08 | Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation | |
| 1 | 04/21/2014 04/25/2014 | IP 71151 | Performance Indicator Verification | |
| 1 | 04/21/2014 04/25/2014 | SGISI - UNIT 1 SG IN-SERVICE INSPECTION | | 1 |
| | | IP 7111108P | Inservice Inspection Activities - PWR | |
| 1 | 08/04/2014 08/08/2014 | PI&R - PROBLEM IDENTIFICATION AND RESOLUTION | | 4 |
| | | IP 71152B | Problem Identification and Resolution | |
| 1 | 08/18/2014 08/22/2014 | IP 71152B | Problem Identification and Resolution | |
| 1 | 09/08/2014 09/12/2014 | EP - EP PROGRAM INSPECTION | | 1 |
| | | IP 7111402 | Alert and Notification System Testing | |
| 1 | 09/08/2014 09/12/2014 | IP 7111403 | Emergency Preparedness Organization Staffing and Augmentation System | |

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

| Unit Number | Planned Dates Start End | Inspection Activity | Title | No. of Staff on Site |
|-------------|----------------------------|---|--|----------------------|
| 1 | 09/08/2014 09/12/2014 | EP - EP PROGRAM INSPECTION | | 1 |
| | | IP 7111405 | Correction of Emergency Preparedness Weaknesses and Deficiencies | |
| 1 | 09/08/2014 09/12/2014 | IP 71151 | Performance Indicator Verification | |
| | | CDBI - COMPONENT DESIGN BASES INSPECTION | | 6 |
| 1 | 09/15/2014 09/19/2014 | IP 7111121 | Component Design Bases Inspection | |
| 1 | 10/06/2014 10/10/2014 | IP 7111121 | Component Design Bases Inspection | |
| 1 | 10/20/2014 10/24/2014 | IP 7111121 | Component Design Bases Inspection | |
| 1 | 11/03/2014 11/07/2014 | IP 7111121 | Component Design Bases Inspection | |
| | | RP - RP PUBLIC RADIATION BASELINE | | 2 |
| 1 | 10/06/2014 10/10/2014 | IP 71124.06 | Radioactive Gaseous and Liquid Effluent Treatment | |
| 1 | 10/06/2014 10/10/2014 | IP 71124.07 | Radiological Environmental Monitoring Program | |
| 1 | 10/06/2014 10/10/2014 | IP 71151 | Performance Indicator Verification | |

Comments:

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