



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

August 21, 2017

Mr. George A. Lippard III, Vice President
Nuclear Operations
South Carolina Electric & Gas Company
Virgil C. Summer Nuclear Station
P.O. Box 88, Mail Code 800
Jenkinsville, SC 29065

**SUBJECT: UPDATED INSPECTION PLAN FOR VIRGIL C. SUMMER NUCLEAR STATION,
UNIT 1 – REPORT 05000395/2017005**

Dear Mr. Lippard:

The enclosed inspection plan lists the inspections scheduled through June 30, 2019, for Virgil C. Summer Nuclear Station, Unit 1. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. 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 the plan for security-related inspections, which will be sent via separate, non-publicly available, correspondence.

Additionally, the NRC plans on conducting two non-ROP baseline inspections which include an initial license examination and Inspection Procedure 92723, Follow Up Inspection for Three or More Severity Level IV Traditional Enforcement Violations in the Same Area in a 12-Month Period.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

G. Lippard

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Please contact me at 404-997-4465 with any questions you may have regarding this letter.

Sincerely,

/RA/

Anthony D. Masters, Chief
Reactor Projects Branch 5
Division of Reactor Projects

Docket No.: 50-395
License No.: NPF-12

Enclosure:
Summer Inspection/ Activity Plan
(09/01/2017 – 06/30/2019)

cc Distribution via ListServ

G. Lippard

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SUBJECT: UPDATED INSPECTION PLAN FOR VIRGIL C. SUMMER NUCLEAR STATION,
UNIT 1 – REPORT 05000395/2017005 August 21, 2017

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|--------|-----------|-----------|-----------|--|--|--|
| OFFICE | RII/DRP | RII/DRP | RII/DRP | | | |
| NAME | BBishop | SNinh | AMasters | | | |
| DATE | 8/15/2017 | 8/15/2017 | 8/21/2017 | | | |

OFFICIAL RECORD COPY

Summer
Inspection / Activity Plan
09/01/2017 - 06/30/2019

| Unit Number | Planned Dates | | Inspection Activity | Title | No. of Staff on Site |
|-------------|---------------|------------|--|--|----------------------|
| | Start | End | | | |
| | | | OL EXAM - INITIAL LICENSE EXAM PREP | | 3 |
| 1 | 08/28/2017 | 09/01/2017 | V23499 | SUMMER U1/SEPTEMBER 2017 INITIAL EXAM AT POWER FACILLITIES | |
| | | | DBAI - DESIGN BASES ASSURANCE INSPECTION (TEAM) | | 7 |
| 1 | 08/28/2017 | 09/01/2017 | IP 7111121M | Design Bases Assurance Inspection (Teams) | |
| 1 | 09/25/2017 | 09/29/2017 | IP 7111121M | Design Bases Assurance Inspection (Teams) | |
| 1 | 10/16/2017 | 10/20/2017 | IP 7111121M | Design Bases Assurance Inspection (Teams) | |
| | | | OL EXAM - INITIAL LICENSE EXAM | | 3 |
| 1 | 09/18/2017 | 09/22/2017 | V23499 | SUMMER U1/SEPTEMBER 2017 INITIAL EXAM AT POWER FACILLITIES | |
| | | | DRP/RPB5 - 92723 | | 2 |
| 1 | 10/01/2017 | 12/31/2017 | IP 92723 | Follow Up Inspection for Three or More Severity Level IV Traditional Enforcement Violations in the S | |
| | | | EP - EP EXERCISE | | 3 |
| 1 | 10/30/2017 | 11/03/2017 | IP 7111401 | Exercise Evaluation | |
| 1 | 10/30/2017 | 11/03/2017 | IP 7111404 | Emergency Action Level and Emergency Plan Changes | |
| 1 | 10/30/2017 | 11/03/2017 | IP 7111408 | Exercise Evaluation – Scenario Review | |
| 1 | 10/30/2017 | 11/03/2017 | IP 71151 | Performance Indicator Verification | |
| | | | TI-191 - MITIGATING STRATEGIES | | 4 |
| 1 | 12/11/2017 | 12/15/2017 | IP 2515/191 | Inspection of Licensee's Responses to Order EA-12-049, EA-12-051 & EP Info Request March 12, 2012 | |
| | | | EQI - DESIGN BASES ASSURANCE INSPECTION (PROGR | | 3 |
| 1 | 01/08/2018 | 01/12/2018 | IP 7111121N | Design Bases Assurance Inspection (Programs) | |
| 1 | 01/29/2018 | 02/02/2018 | IP 7111121N | Design Bases Assurance Inspection (Programs) | |
| 1 | 02/12/2018 | 02/16/2018 | IP 7111121N | Design Bases Assurance Inspection (Programs) | |
| | | | OL EXAM - INITIAL LICENSE EXAM PREP | | 3 |
| 1 | 05/07/2018 | 05/11/2018 | V23513 | SUMMER U1/JUNE 2018 INITIAL EXAM AT POWER FACILITIES | |
| | | | OL EXAM - INITIAL LICENSE EXAM | | 3 |
| 1 | 06/04/2018 | 06/08/2018 | V23513 | SUMMER U1/JUNE 2018 INITIAL EXAM AT POWER FACILITIES | |
| | | | EP - EP PROGRAM INSPECTION | | 4 |
| 1 | 08/27/2018 | 08/31/2018 | IP 7111402 | Alert and Notification System Testing | |
| 1 | 08/27/2018 | 08/31/2018 | IP 7111403 | Emergency Preparedness Organization Staffing and Augmentation System | |
| 1 | 08/27/2018 | 08/31/2018 | IP 7111404 | Emergency Action Level and Emergency Plan Changes | |
| 1 | 08/27/2018 | 08/31/2018 | IP 7111405 | Correction of Emergency Preparedness Weaknesses and Deficiencies | |
| 1 | 08/27/2018 | 08/31/2018 | IP 71151-EP01 | Drill/Exercise Performance | |
| 1 | 08/27/2018 | 08/31/2018 | IP 71151-EP02 | ERO Readiness | |
| 1 | 08/27/2018 | 08/31/2018 | IP 71151-EP03 | Alert & Notification System Reliability | |

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

Enclosure

Summer
Inspection / Activity Plan
09/01/2017 - 06/30/2019

| Unit Number | Planned Dates | | Inspection Activity | Title | No. of Staff on Site |
|-------------|---------------|------------|---|---|----------------------|
| | Start | End | | | |
| | | | PI&R - PROBLEM IDENTIFICATION AND RESOLUTION | | 4 |
| 1 | 09/10/2018 | 09/14/2018 | IP 71152B | Problem Identification and Resolution | |
| 1 | 09/24/2018 | 09/28/2018 | IP 71152B | Problem Identification and Resolution | |
| | | | ISI - UNIT 1 IN-SERVICE INSPECTION | | 1 |
| 1 | 10/15/2018 | 10/19/2018 | IP 7111108P | Inservice Inspection Activities - PWR | |
| | | | SGISI - UNIT 1 SG IN-SERVICE INSPECTION | | 1 |
| 1 | 10/15/2018 | 10/19/2018 | IP 7111108P | Inservice Inspection Activities - PWR | |
| | | | RP - RP OCCUPATIONAL WEEK 1 | | 3 |
| 1 | 10/22/2018 | 10/26/2018 | IP 71124.01 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 10/22/2018 | 10/26/2018 | IP 71124.02 | Occupational ALARA Planning and Controls | |
| 1 | 10/22/2018 | 10/26/2018 | IP 71124.03 | In-Plant Airborne Radioactivity Control and Mitigation | |
| 1 | 10/22/2018 | 10/26/2018 | IP 71124.04 | Occupational Dose Assessment | |
| 1 | 10/22/2018 | 10/26/2018 | IP 71124.05 | Radiation Monitoring Instrumentation | |
| 1 | 10/22/2018 | 10/26/2018 | IP 71151-OR01 | Occupational Exposure Control Effectiveness | |
| 1 | 10/22/2018 | 10/26/2018 | IP 71151-PR01 | RETS/ODCM Radiological Effluent Occurrences | |
| | | | RP - RP OCCUPATIONAL WEEK 2 | | 2 |
| 1 | 11/05/2018 | 11/09/2018 | IP 71124.01 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 11/05/2018 | 11/09/2018 | IP 71124.02 | Occupational ALARA Planning and Controls | |
| 1 | 11/05/2018 | 11/09/2018 | IP 71124.03 | In-Plant Airborne Radioactivity Control and Mitigation | |
| 1 | 11/05/2018 | 11/09/2018 | IP 71124.04 | Occupational Dose Assessment | |
| 1 | 11/05/2018 | 11/09/2018 | IP 71124.05 | Radiation Monitoring Instrumentation | |
| 1 | 11/05/2018 | 11/09/2018 | IP 71151-OR01 | Occupational Exposure Control Effectiveness | |
| 1 | 11/05/2018 | 11/09/2018 | IP 71151-PR01 | RETS/ODCM Radiological Effluent Occurrences | |
| | | | EP - EP EXERCISE INSPECTION | | 1 |
| 1 | 03/25/2019 | 03/29/2019 | IP 7111401 | Exercise Evaluation | |
| 1 | 03/25/2019 | 03/29/2019 | IP 7111404 | Emergency Action Level and Emergency Plan Changes | |
| 1 | 03/25/2019 | 03/29/2019 | IP 7111408 | Exercise Evaluation – Scenario Review | |
| 1 | 03/25/2019 | 03/29/2019 | IP 71151 | Performance Indicator Verification | |
| | | | RP - RP RADHAZARD & PUBLIC | | 4 |
| 1 | 06/17/2019 | 06/21/2019 | IP 71124.01 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 06/17/2019 | 06/21/2019 | IP 71124.06 | Radioactive Gaseous and Liquid Effluent Treatment | |
| 1 | 06/17/2019 | 06/21/2019 | IP 71124.07 | Radiological Environmental Monitoring Program | |
| 1 | 06/17/2019 | 06/21/2019 | IP 71124.08 | Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation | |

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09/01/2017 - 06/30/2019

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|---|---------------|------------|---------------------|---|----------------------|
| | Start | End | | | |
| RP - RP RADHAZARD & PUBLIC | | | | | 4 |
| 1 | 06/17/2019 | 06/21/2019 | IP 71151-OR01 | Occupational Exposure Control Effectiveness | |
| 1 | 06/17/2019 | 06/21/2019 | IP 71151-PR01 | RETS/ODCM Radiological Effluent Occurrences | |
| HS - TRIENNIAL HEAT SINK PERFORMANCE | | | | | 1 |
| 1 | 06/24/2019 | 06/28/2019 | IP 7111107T | Heat Sink Performance | |

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