



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

August 23, 2018

Mr. George A. Lippard III
Vice President, Nuclear Operations
South Carolina Electric & Gas Company
Virgil C. Summer Nuclear Station
Bradham Blvd & Hwy 215
P.O. Box 88, Mail Code 800
Jenkinsville, SC 29065

SUBJECT: UPDATED INSPECTION PLAN FOR VIRGIL C. SUMMER NUCLEAR STATION,
UNIT 1 (REPORT 05000395/2018005)

Dear Mr. Lippard:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020, 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.

In accordance with Title 10 of the *Code of Federal Regulations* (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 document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

G. Lippard

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Please contact me at 404-997-4603 with any questions you have regarding this letter.

Sincerely,

/RA/

Randall A. Musser, Chief
Reactor Projects Branch 3
Division of Reactor Projects

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

Enclosure:
Summer Inspection/Activity Plan
(09/01/2018 – 06/30/2020)

cc Distribution via ListServ

G. Lippard

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SUBJECT: UPDATED INSPECTION PLAN FOR VIRGIL C. SUMMER NUCLEAR STATION,
UNIT 1 (REPORT 05000395/2018005) August 23, 2018

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Institute of Nuclear Power Operations (INPO)

ADAMS Accession No. ML18235A108

OFFICE	RII:DRP	RII:DRP			
NAME	LPressley	RMusser			
DATE	8/16/2018	8/16/2018			

OFFICIAL AGENCY RECORD

IP 22 Inspection Activity Plan Report

Summer

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
EMERGENCY PREPAREDNESS PROGRAM INSPECTION						2
1	09/10/2018	09/14/2018	IP 71114.02	000717	Alert and Notification System Testing	
1	09/10/2018	09/14/2018	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	09/10/2018	09/14/2018	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	09/10/2018	09/14/2018	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	09/10/2018	09/14/2018	IP 71151	001397	Performance Indicator Verification	
UNIT 1 IN-SERVICE INSPECTION						1
1	10/15/2018	10/19/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
UNIT 1 SG IN-SERVICE INSPECTION						1
1	10/15/2018	10/19/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION - WEEK 1						3
1	10/22/2018	10/26/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	10/22/2018	10/26/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	10/22/2018	10/26/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	10/22/2018	10/26/2018	IP 71124.04	000728	Occupational Dose Assessment	
1	10/22/2018	10/26/2018	IP 71124.05	000729	Radiation Monitoring Instrumentation	
CYBER SECURITY						2
1	10/22/2018	10/26/2018	IP 71130.10P	000741	Cyber Security	
1	11/05/2018	11/09/2018	IP 71130.10P	000741	Cyber Security	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION - WEEK 2						2
1	11/05/2018	11/09/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	11/05/2018	11/09/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	11/05/2018	11/09/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	11/05/2018	11/09/2018	IP 71124.04	000728	Occupational Dose Assessment	
1	11/05/2018	11/09/2018	IP 71124.05	000729	Radiation Monitoring Instrumentation	
PROBLEM IDENTIFICATION AND RESOLUTION						4
1	05/06/2019	05/10/2019	IP 71152B	000747	Problem Identification and Resolution	
1	05/20/2019	05/24/2019	IP 71152B	000747	Problem Identification and Resolution	

IP 22 Inspection Activity Plan Report

Summer

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
TRIENNIAL HEAT SINK PERFORMANCE						1
1	06/24/2019	06/28/2019	IP 71111.07T	000700	Heat Sink Performance -Triennial	
SUMMER REQUAL INSPECTION						2
1	08/05/2019	08/09/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
SECURITY BASELINE INSPECTION						1
1	08/12/2019	08/16/2019	IP 71130.02	000734	Access Control	
1	08/12/2019	08/16/2019	IP 71151	001338	Performance Indicator Verification	
RP OCCUPATIONAL & PUBLIC RAD SAFETY RAD HAZARDS & TRANSPORTATION BASELINE INSPECTION						4
1	08/19/2019	08/23/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	08/19/2019	08/23/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1	08/19/2019	08/23/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1	08/19/2019	08/23/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
NFPA 805 TRIENNIAL FIRE PROTECTION INSPECTION						4
1	08/26/2019	08/30/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
1	09/09/2019	09/13/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
EMERGENCY PREPAREDNESS EXERCISE INSPECTION						6
1	08/26/2019	08/30/2019	IP 71114.01	000716	Exercise Evaluation	
1	08/26/2019	08/30/2019	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	08/26/2019	08/30/2019	IP 71114.08	000723	Exercise Evaluation □ Scenario Review	
1	08/26/2019	08/30/2019	IP 71151	001397	Performance Indicator Verification	
EVALUATIONS OF CHANGES, TESTS AND EXPERIMENTS						3
1	11/04/2019	11/08/2019	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
SUMMER INITIAL LICENSE EXAM						3
1	11/04/2019	11/08/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	12/09/2019	12/13/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
SECURITY BASELINE INSPECTION						2
1	11/18/2019	11/22/2019	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	

This report does not include INPO and OUTAGE activities.

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

IP 22 Inspection Activity Plan Report

Summer

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
SECURITY BASELINE INSPECTION						2
1	11/18/2019	11/22/2019	IP 71130.07	000739	Security Training	
FORCE-ON-FORCE PLANNING AND EXERCISE						7
1	02/03/2020	02/08/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1	02/24/2020	02/28/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION - WEEK 1						3
1	04/13/2020	04/17/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	04/13/2020	04/17/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	04/13/2020	04/17/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	04/13/2020	04/17/2020	IP 71124.04	000729	Occupational Dose Assessment	
1	04/13/2020	04/17/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
UNIT 1 IN-SERVICE/SG IN-SERVICE INSPECTION						2
1	04/20/2020	04/24/2020	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION - WEEK 2						2
1	04/27/2020	05/01/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	04/27/2020	05/01/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	04/27/2020	05/01/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	04/27/2020	05/01/2020	IP 71124.04	000729	Occupational Dose Assessment	
1	04/27/2020	05/01/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	