



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200  
ATLANTA, GEORGIA 30303-1200

August 28, 2019

Mr. Daniel G. Stoddard  
Senior Vice President and  
Chief Nuclear Officer  
Innsbrook Technical Center  
5000 Dominion Blvd., Floor: IN-2SW  
Glen Allen, VA 29060

SUBJECT: UPDATED INSPECTION PLAN FOR VIRGIL C. SUMMER NUCLEAR STATION,  
UNIT 1 – (REPORT 05000395/2019005)

Dear Mr. Stoddard:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021 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.

You should be aware that the agency is pursuing potential changes to the ROP, including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020.

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.

The NRC plans to conduct the following non-routine inspection in 2019; Temporary Instruction (TI) 2515/194, "Inspection of the Licensee's Implementation of Industry Initiative Associated With The Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)."

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).

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  
(09/01/2019 – 06/30/2021)

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UNIT 1 – (REPORT 05000395/2019005)

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**OFFICIAL AGENCY RECORD**

## IP 22 Inspection Activity Plan Report

### Summer

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>NFPA 805 TRIENNIAL FIRE PROTECTION INSPECTION</b>						4
1	09/16/2019	09/20/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805	
1	09/30/2019	10/04/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805	
<b>TI-194 OPEN PHASE CONDITION</b>						1
1	10/21/2019	10/25/2019	TI 2515/194	000512	Inspection of the Licensee's Implementation of Industry Initiative Associated With the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)	
<b>SUMMER INITIAL LICENSE EXAM</b>						3
1	10/28/2019	11/01/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	12/09/2019	12/13/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>EVALUATIONS OF CHANGES, TESTS AND EXPERIMENTS</b>						3
1	11/04/2019	11/08/2019	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
<b>SECURITY BASELINE INSPECTION</b>						2
1	11/18/2019	11/22/2019	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1	11/18/2019	11/22/2019	IP 71130.07	000739	Security Training	
<b>FORCE-ON-FORCE PLANNING AND EXERCISES</b>						6
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	
<b>UNIT 1 IN-SERVICE INSPECTION +SG</b>						2
1	04/13/2020	04/17/2020	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION</b>						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	000728	Occupational Dose Assessment	
1	04/13/2020	04/17/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
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	

This report does not include INPO and OUTAGE activities.

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

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Enclosure

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### Summer

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION</b>						3
1	04/27/2020	05/01/2020	IP 71124.04	000728	Occupational Dose Assessment	
1	04/27/2020	05/01/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>EMERGENCY PREPAREDNESS PROGRAM INSPECTION</b>						2
1	06/08/2020	06/12/2020	IP 71114.02	000717	Alert and Notification System Testing	
1	06/08/2020	06/12/2020	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	06/08/2020	06/12/2020	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	06/08/2020	06/12/2020	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1	06/08/2020	06/12/2020	IP 71151	001397	Performance Indicator Verification	
<b>SECURITY BASELINE INSPECTION</b>						3
1	09/14/2020	09/18/2020	IP 71130.01	000733	Access Authorization	
1	09/14/2020	09/18/2020	IP 71130.02	000734	Access Control	
1	09/14/2020	09/18/2020	IP 71130.06	000738	Protection of Safeguards Information	
1	09/14/2020	09/18/2020	IP 71130.08	000740	Fitness For Duty Program	
1	09/14/2020	09/18/2020	IP 71151	001338	Performance Indicator Verification	
<b>DESIGN BASES ASSURANCE INSPECTION (TEAM)</b>						6
1	10/26/2020	10/30/2020	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1	11/16/2020	11/20/2020	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
<b>DESIGN BASES ASSURANCE INSPECTION (PROGRAMS)</b>						3
1	02/01/2021	02/05/2021	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1	02/22/2021	02/26/2021	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
<b>TARGET SET</b>						2
1	02/08/2021	02/12/2021	IP 71130.14	000743	Review of Power Reactor Target Sets	
<b>PROBLEM IDENTIFICATION AND RESOLUTION</b>						4
1	04/26/2021	04/30/2021	IP 71152B	000747	Problem Identification and Resolution	
1	05/10/2021	05/14/2021	IP 71152B	000747	Problem Identification and Resolution	

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