



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

August 26, 2021

Steven M. Snider  
Site Vice President  
Duke Energy Carolinas, LLC  
Oconee Nuclear Station  
7800 Rochester Highway  
Seneca, SC 29672-0752

**SUBJECT: UPDATED INSPECTION PLAN FOR OCONEE NUCLEAR STATION UNITS 1, 2,  
AND 3 (NRC INSPECTION REPORT 05000269/2021005, 05000270/2021005,  
AND 05000287/2021005)**

Dear Mr. Snider:

The enclosed inspection plan lists the inspections scheduled through June 30, 2023, for Oconee Nuclear Station. 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 response to the COVID-19 public health emergency (PHE), the NRC is adjusting inspection plans and schedules in order to safeguard the health and safety of both NRC and licensee staff while still effectively implementing the ROP. Each planned inspection is being carefully reviewed in order to determine if any portions of the inspection can be performed remotely, determine how best to perform on-site portions to minimize personnel health risks, and adjust inspection schedules if needed. This is done in accordance with guidance contained in the February 1, 2021 memo, "Calendar Year 2021 Inspection Guidance During COVID-19 Telework Restrictions" (ML21027A274). For inspections requiring extensive coordination with offsite organizations, such as evaluated emergency preparedness exercises, NRC guidance and frequently asked questions for security and emergency preparedness can be found here: <https://www.nrc.gov/about-nrc/covid-19/security-ep/>. Similarly, the NRC has developed guidance if force-on-force inspections cannot be completed as scheduled due to an emergency, such as the COVID-19 PHE. These changes help ensure the health and safety of both NRC and licensee staff while maintaining the NRC's important safety and security mission during the COVID-19 PHE. The attached inspection plan is accurate on the date of issuance but remains subject to change based on approval of potential exemption requests or other changes needed due to changing conditions in the COVID-19 PHE. NRC staff will contact your appropriate regulatory affairs staff in order to coordinate inspection planning and scheduling.

The following temporary instruction (TI) will also be performed: TI 2515/194, Revision 2, "Inspection of the Licensee's Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerability in Electrical 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 404-997-4575 with any questions you have regarding this letter.

Sincerely,

Eric J. Stamm, Chief  
Reactor Project Branch 1  
Division of Reactor Projects

Docket Nos.: 50-269, 50-270, 50-287  
License Nos.: DPR-38, DPR-47, DPR-55

Enclosure:  
Oconee Inspection Activity Plan  
(09/01/2021 – 06/30/2023)

cc Distribution via ListServ

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OFFICE	RII:DRP	RII:DRP					
NAME	DJackson	EStamm					
DATE	8/17/2021	8/26/2021					

**OFFICIAL AGENCY RECORD**

# IP 22b Site Inspection Activity Plan

## Oconee

09/01/2021 - 06/30/2023

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>TI-194 Open Phase Condition Follow Up Inspection</b>						2
1, 2, 3	9/27/2021	10/1/2021	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>UNIT 2 IN-SERVICE INSPECTION + SG</b>						1
2	11/15/2021	11/26/2021	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION</b>						3
1, 2, 3	11/15/2021	11/19/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2, 3	11/15/2021	11/19/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2, 3	11/15/2021	11/19/2021	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2, 3	11/15/2021	11/19/2021	IP 71124.04	000728	Occupational Dose Assessment	
1, 2, 3	11/15/2021	11/19/2021	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1, 2, 3	11/15/2021	11/19/2021	IP 71151	000746	Performance Indicator Verification	
1, 2, 3	11/29/2021	12/3/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2, 3	11/29/2021	12/3/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2, 3	11/29/2021	12/3/2021	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2, 3	11/29/2021	12/3/2021	IP 71124.04	000728	Occupational Dose Assessment	
1, 2, 3	11/29/2021	12/3/2021	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1, 2, 3	11/29/2021	12/3/2021	IP 71151	000746	Performance Indicator Verification	
<b>DUKE CORPORATE AA/FFD BASELINE SECURITY INSPECTION</b>						2
1, 2, 3	1/10/2022	1/14/2022	IP 71130.01	000733	Access Authorization	
1, 2, 3	1/10/2022	1/14/2022	IP 71130.08	000740	Fitness For Duty Program	
<b>NFPA 805 TRIENNIAL FIRE PROTECTION INSPECTION</b>						4
1, 2, 3	3/21/2022	3/25/2022	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
1, 2, 3	4/4/2022	4/8/2022	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
<b>EMERGENCY PREPAREDNESS EXERCISE INSPECTION</b>						5
1, 2, 3	3/28/2022	4/1/2022	IP 71114.01	000716	Exercise Evaluation	
1, 2, 3	3/28/2022	4/1/2022	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2, 3	3/28/2022	4/1/2022	IP 71151	001397	Performance Indicator Verification	
<b>TARGET SET INSPECTION</b>						1
1, 2, 3	4/4/2022	4/8/2022	IP 71130.14	000743	Review of Power Reactor Target Sets	
<b>UNIT 3 IN-SERVICE INSPECTION +SG</b>						2
3	4/25/2022	4/29/2022	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>RP OCCUPATIONAL AND TRANSPORTATION BASELINE INSPECTION</b>						2

# IP 22b Site Inspection Activity Plan

1, 2, 3	5/2/2022	5/6/2022	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2, 3	5/2/2022	5/6/2022	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
1, 2, 3	5/2/2022	5/6/2022	IP 71151	000746	Performance Indicator Verification	
<b>SECURITY BASELINE INSPECTION</b>						<b>2</b>
1, 2, 3	5/2/2022	5/6/2022	IP 71130.02	000734	Access Control	
1, 2, 3	5/2/2022	5/6/2022	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2, 3	5/2/2022	5/6/2022	IP 71130.07	000739	Security Training	
1, 2, 3	5/2/2022	5/6/2022	IP 71130.09	001656	Security Plan Changes	
1, 2, 3	5/2/2022	5/6/2022	IP 71151	001338	Performance Indicator Verification	
<b>POST-APPROVAL LICENSE RENEWAL PHASE 4</b>						<b>4</b>
1, 2, 3	6/6/2022	6/10/2022	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
<b>MATERIAL CONTROL AND ACCOUNTING</b>						<b>1</b>
1, 2, 3	8/22/2022	8/26/2022	IP 71130.11	000742	Material Control and Accounting (MC&A)	
<b>EVALUATIONS OF CHANGES, TESTS AND EXPERIMENTS</b>						<b>3</b>
1, 2, 3	8/29/2022	9/2/2022	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
<b>UNIT 1 IN-SERVICE INSPECTION +SG</b>						<b>2</b>
1	10/31/2022	11/4/2022	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>OCONEE INITIAL LICENSE EXAM</b>						<b>6</b>
1, 2, 3	10/31/2022	11/4/2022	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2, 3	12/5/2022	12/16/2022	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
<b>CYBER SECURITY INSPECTION</b>						<b>2</b>
1, 2, 3	12/5/2022	12/9/2022	IP 71130.10P	000741	Cyber Security	
<b>FORCE-ON-FORCE PLANNING AND EXERCISE - OCO</b>						<b>4</b>
1, 2, 3	3/6/2023	3/10/2023	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2, 3	3/27/2023	3/31/2023	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
<b>EMERGENCY PREPAREDNESS PROGRAM INSPECTION</b>						<b>2</b>
1, 2, 3	3/20/2023	3/24/2023	IP 71114.02	000717	Alert and Notification System Testing	
1, 2, 3	3/20/2023	3/24/2023	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2, 3	3/20/2023	3/24/2023	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2, 3	3/20/2023	3/24/2023	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1, 2, 3	3/20/2023	3/24/2023	IP 71151	001397	Performance Indicator Verification	
<b>SECURITY BASELINE INSPECTION</b>						<b>3</b>
1, 2, 3	3/20/2023	3/24/2023	IP 71130.02	000734	Access Control	
1, 2, 3	3/20/2023	3/24/2023	IP 71130.09	001656	Security Plan Changes	
1, 2, 3	3/20/2023	3/24/2023	IP 71151	001338	Performance Indicator Verification	
<b>RP PUBLIC RADIATION SAFETY BASELINE</b>						<b>2</b>

# IP 22b Site Inspection Activity Plan

1, 2, 3	6/12/2023	6/16/2023	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment
1, 2, 3	6/12/2023	6/16/2023	IP 71124.07	000731	Radiological Environmental Monitoring Program
1, 2, 3	6/12/2023	6/16/2023	IP 71151	000746	Performance Indicator Verification

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